

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111721\  
 Data File : VW020920.D  
 Acq On : 17 Nov 2021 23:00  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 18 05:18:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 18 05:03:38 2021  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.951     | 168   | 75652    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.841     | 114   | 122574   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.627    | 117   | 113087   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.554    | 152   | 59416    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.305     | 65    | 38090    | 54.355   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 50 - 163 | Recovery | =      | 108.720% |
| 35) Dibromofluoromethane     | 7.884     | 113   | 37436    | 48.691   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 54 - 147 | Recovery | =      | 97.380%  |
| 50) Toluene-d8               | 10.323    | 98    | 138851   | 49.241   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 49 - 140 | Recovery | =      | 98.480%  |
| 62) 4-Bromofluorobenzene     | 12.615    | 95    | 53485    | 50.859   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 25 - 144 | Recovery | =      | 101.720% |
| Target Compounds             |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.007     | 85    | 9692     | 53.452   | ug/l   | 97       |
| 3) Chloromethane             | 2.208     | 50    | 23746    | 54.525   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.355     | 62    | 40923    | 53.364   | ug/l   | 100      |
| 5) Bromomethane              | 2.769     | 94    | 29879    | 60.533   | ug/l   | 96       |
| 6) Chloroethane              | 2.916     | 64    | 16575    | 56.075   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.245     | 101   | 16604    | 52.205   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.684     | 74    | 18851    | 56.432   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.056     | 101   | 35630    | 54.304   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.269     | 142   | 55208    | 55.786   | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.165     | 59    | 21008    | 340.275  | ug/l # | 92       |
| 12) 1,1-Dichloroethene       | 4.037     | 96    | 33824    | 52.608   | ug/l   | 95       |
| 13) Acrolein                 | 3.897     | 56    | 3368     | 297.953  | ug/l   | 92       |
| 14) Allyl chloride           | 4.665     | 41    | 49834    | 53.987   | ug/l   | 100      |
| 15) Acrylonitrile            | 5.366     | 53    | 41583    | 287.720  | ug/l   | 99       |
| 16) Acetone                  | 4.123     | 43    | 38320    | 263.063  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.379     | 76    | 96854    | 54.820   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.671     | 43    | 29497    | 58.032   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.433     | 73    | 63191    | 57.034   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.921     | 84    | 38887    | 55.653   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.421     | 96    | 39968    | 54.608   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.311     | 45    | 104535   | 55.194   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.257     | 43    | 310903   | 280.515  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.214     | 63    | 66657    | 55.319   | ug/l   | 99       |
| 25) 2-Butanone               | 7.171     | 43    | 57026    | 275.635  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.165     | 77    | 41485    | 48.521   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.171     | 96    | 44998    | 55.035   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.512     | 49    | 28321    | 55.544   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.531     | 42    | 36613    | 291.816  | ug/l   | 99       |
| 30) Chloroform               | 7.677     | 83    | 73019    | 55.082   | ug/l   | 100      |
| 31) Cyclohexane              | 7.957     | 56    | 58571    | 50.102   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.872     | 97    | 60984    | 54.483   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.079     | 75    | 53862    | 48.914   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.250     | 43    | 26435    | 52.631   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.067     | 117   | 58177    | 49.666   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.335     | 83    | 66873    | 48.369   | ug/l   | 99       |
| 40) Benzene                  | 8.323     | 78    | 155408   | 49.498   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111721\  
 Data File : VW020920.D  
 Acq On : 17 Nov 2021 23:00  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 18 05:18:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 18 05:03:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 13985    | 52.221   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.396  | 62   | 48656    | 51.087   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.421  | 43   | 51990    | 52.744   | ug/l   | 99       |
| 44) Trichloroethene           | 9.091  | 130  | 45872    | 50.075   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.366  | 63   | 36930    | 51.074   | ug/l   | 99       |
| 46) Dibromomethane            | 9.457  | 93   | 23605    | 51.527   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.646  | 83   | 55191    | 50.921   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.433  | 41   | 22244    | 50.728   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.451  | 88   | 7059     | 1069.357 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 134069   | 267.136  | ug/l   | 100      |
| 52) Toluene                   | 10.384 | 92   | 103536   | 51.301   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.603 | 75   | 55671    | 51.732   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 61473    | 50.478   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 32734    | 53.297   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 42675    | 54.566   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.932 | 76   | 52714    | 50.977   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 101993   | 259.131  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.969 | 43   | 94967    | 272.012  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.134 | 129  | 39816    | 51.422   | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.231 | 107  | 32338    | 53.067   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.865 | 164  | 42553    | 50.649   | ug/l   | 91       |
| 65) Chlorobenzene             | 11.658 | 112  | 114174   | 50.217   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 42483    | 50.253   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.731 | 91   | 197828   | 49.581   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.841 | 106  | 159604   | 98.945   | ug/l   | 96       |
| 69) o-Xylene                  | 12.164 | 106  | 79047    | 52.259   | ug/l   | 99       |
| 70) Styrene                   | 12.176 | 104  | 130940   | 51.542   | ug/l   | 99       |
| 71) Bromoform                 | 12.347 | 173  | 26538    | 54.307   | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.463 | 105  | 203955   | 50.232   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.274 | 43   | 51477    | 53.227   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 37019    | 52.261   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 48189    | 90.269   | ug/l # | 100      |
| 77) Bromobenzene              | 12.743 | 156  | 52564    | 53.299   | ug/l   | 93       |
| 78) n-propylbenzene           | 12.804 | 91   | 237876   | 49.742   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.889 | 91   | 138778   | 50.211   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 173640   | 49.870   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.511 | 75   | 11643    | 51.304   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 147680   | 50.384   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.206 | 119  | 153666   | 49.378   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 177845   | 51.725   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.383 | 105  | 220849   | 49.314   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.493 | 119  | 198225   | 51.342   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 104843   | 52.455   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.578 | 146  | 98890    | 49.236   | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.822 | 91   | 173858   | 50.151   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.090 | 117  | 37330    | 51.341   | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 94249    | 53.674   | ug/l   | 93       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 6764     | 54.377   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 63820    | 51.005   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.230 | 225  | 36084    | 50.852   | ug/l   | 95       |
| 95) Naphthalene               | 15.365 | 128  | 122886   | 52.989   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 59304    | 53.749   | ug/l   | 97       |

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Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Nov 18 05:18:12 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111721S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 18 05:03:38 2021  
Response via : Initial Calibration

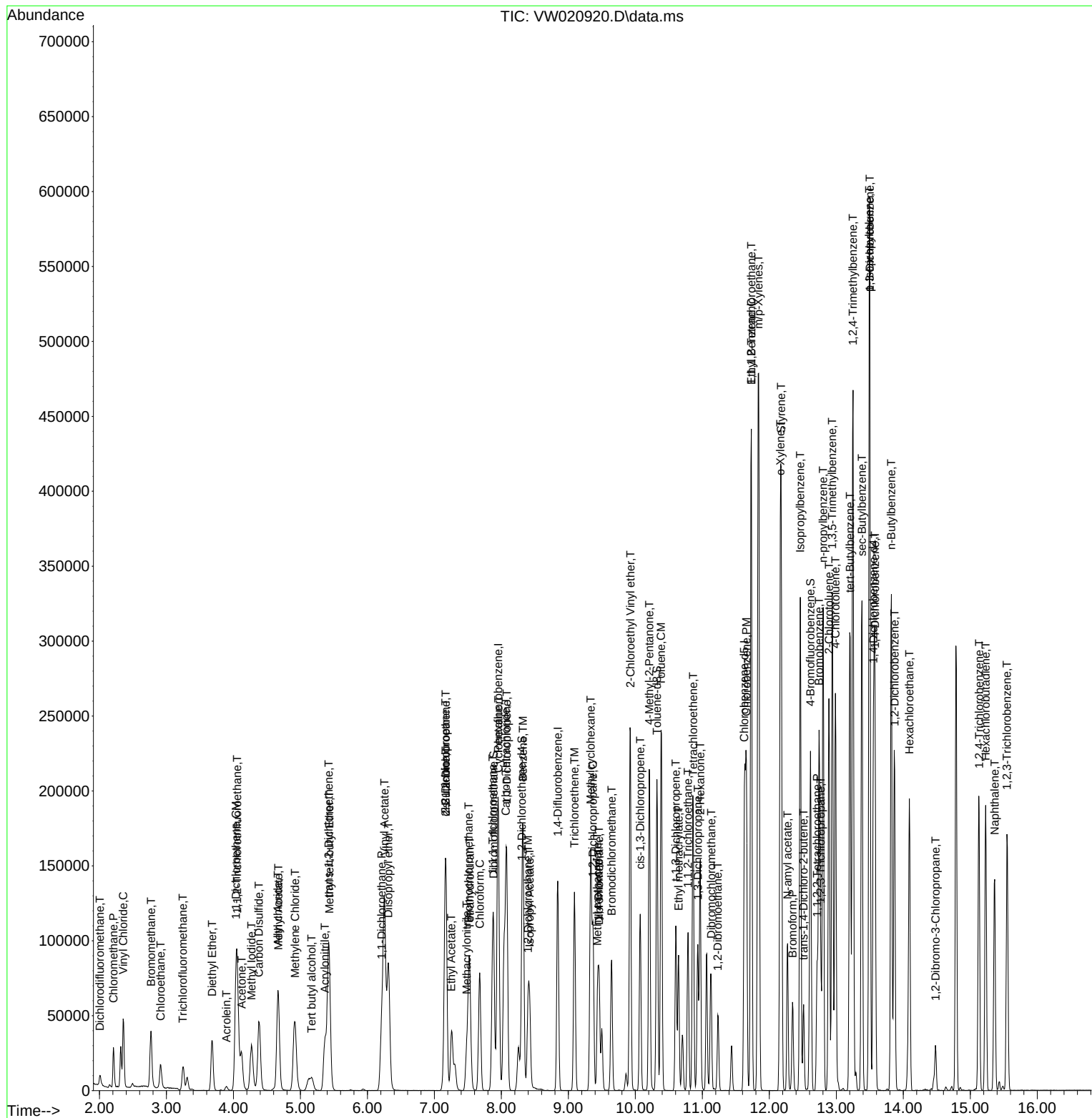
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

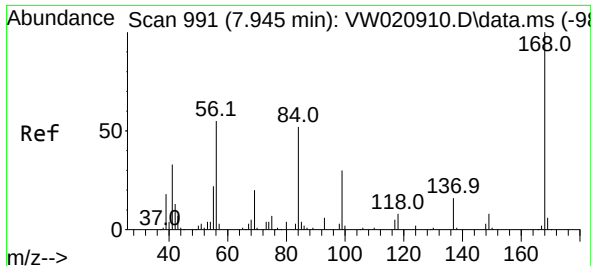
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111721\  
 Data File : VW020920.D  
 Acq On : 17 Nov 2021 23:00  
 Operator : SY/VA  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

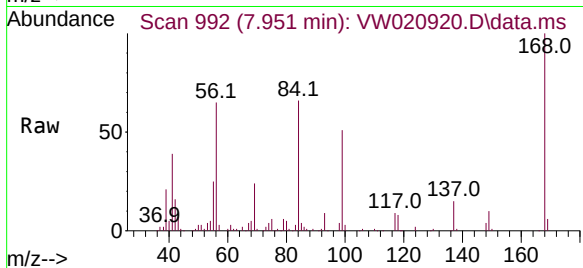
Quant Time: Nov 18 05:18:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 18 05:03:38 2021  
 Response via : Initial Calibration



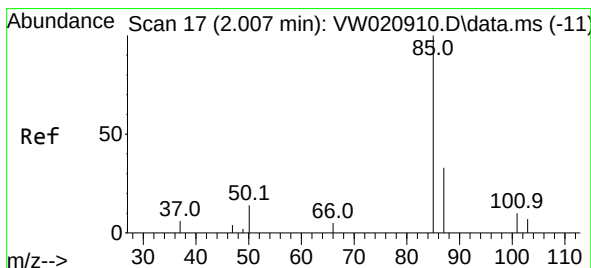
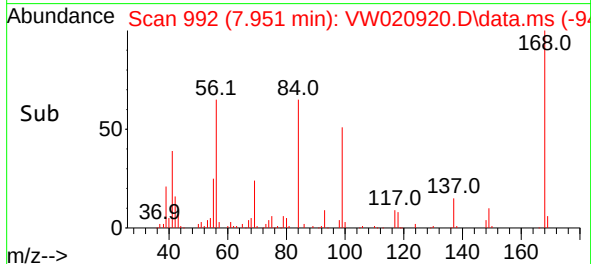
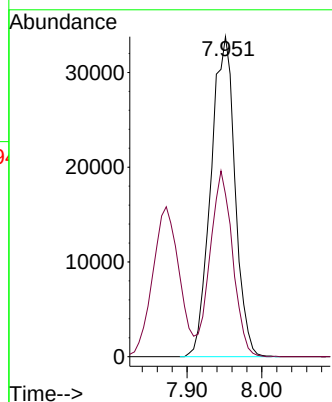


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.951 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Instrument :  
MSVOA\_W  
ClientSampleId :

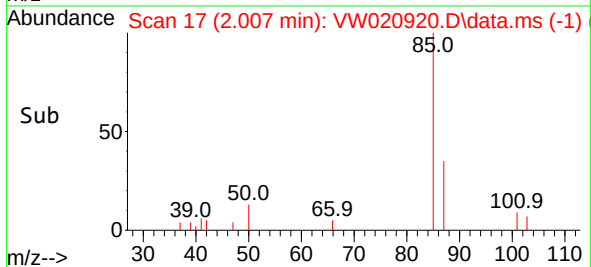
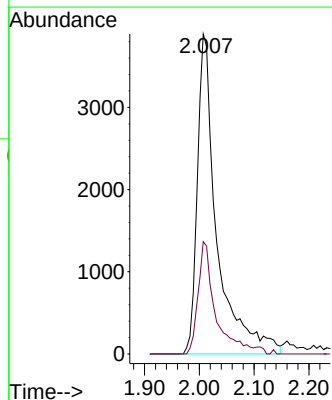
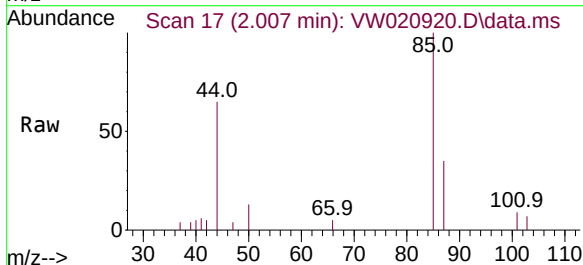


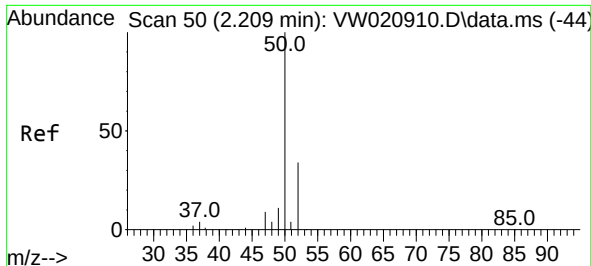
Tgt Ion:168 Resp: 75652  
Ion Ratio Lower Upper  
168 100  
99 50.8 41.6 62.4



#2  
Dichlorodifluoromethane  
Concen: 53.452 ug/l  
RT: 2.007 min Scan# 17  
Delta R.T. 0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 85 Resp: 9692  
Ion Ratio Lower Upper  
85 100  
87 35.1 16.8 50.3

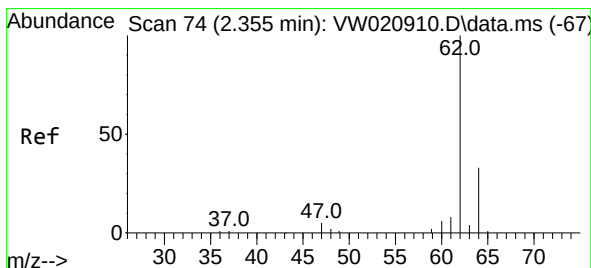
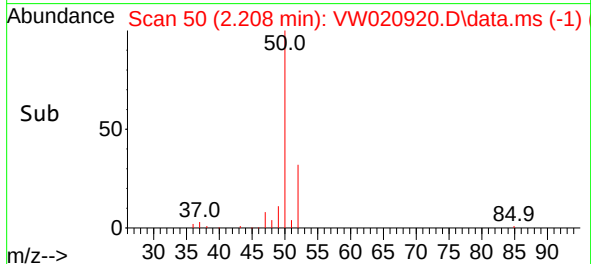
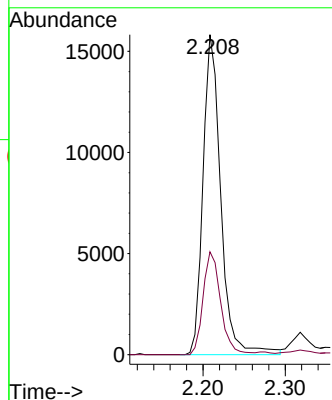
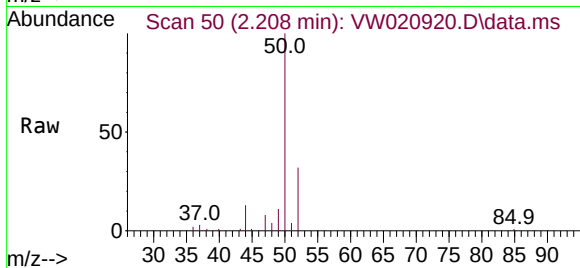




#3  
Chloromethane  
Concen: 54.525 ug/l  
RT: 2.208 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

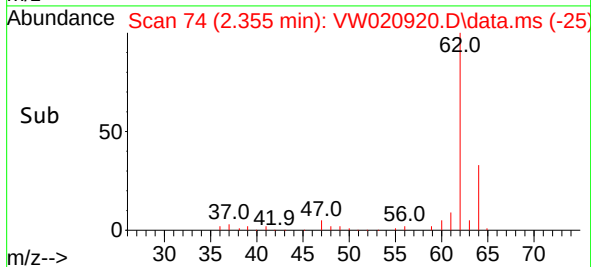
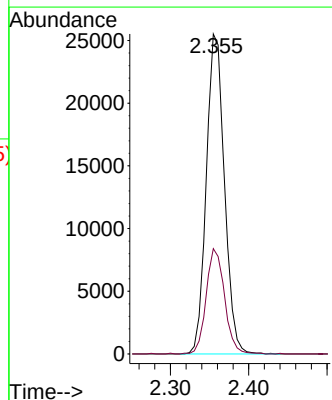
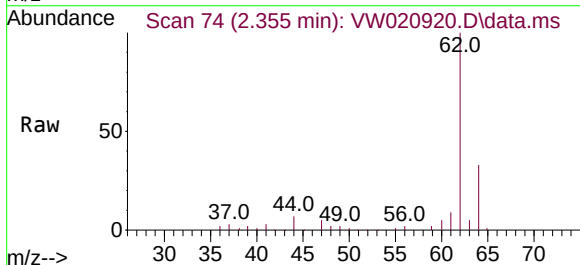
Instrument :  
MSVOA\_W  
ClientSampleId :

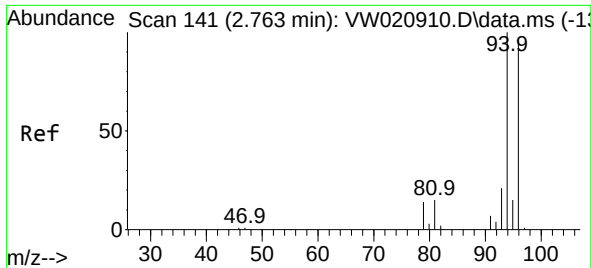
Tgt Ion: 50 Resp: 23746  
Ion Ratio Lower Upper  
50 100  
52 32.2 27.2 40.8



#4  
Vinyl Chloride  
Concen: 53.364 ug/l  
RT: 2.355 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 62 Resp: 40923  
Ion Ratio Lower Upper  
62 100  
64 32.9 26.2 39.4

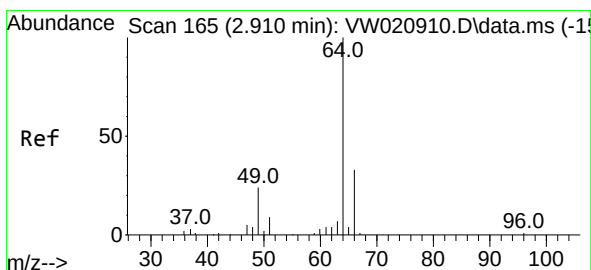
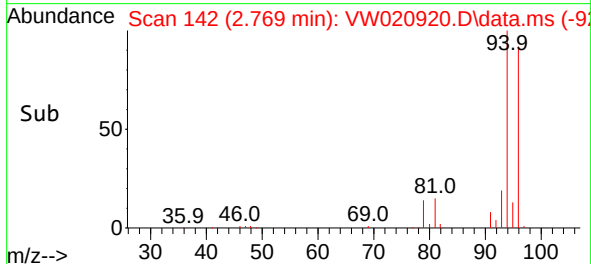
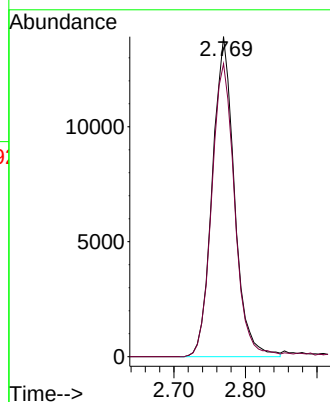
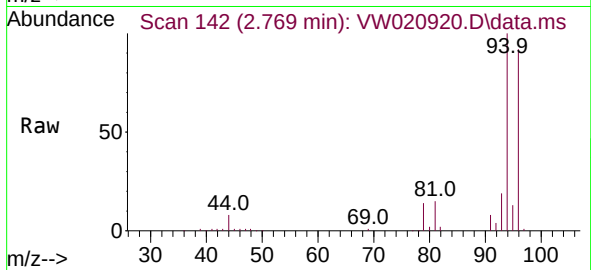




#5  
Bromomethane  
Concen: 60.533 ug/l  
RT: 2.769 min Scan# 141  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

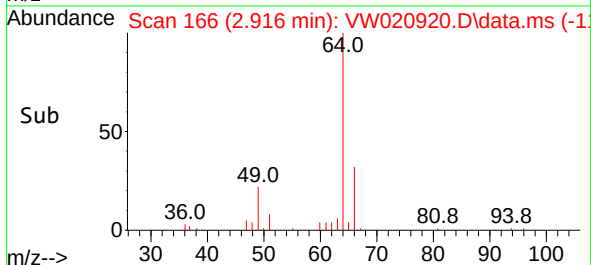
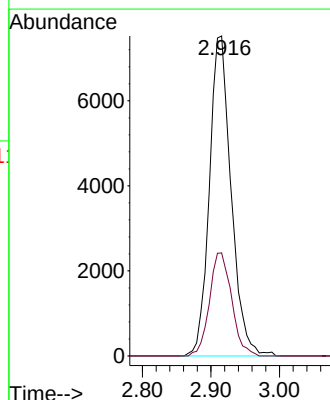
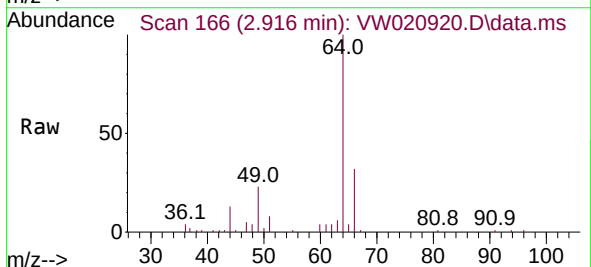
Instrument :  
MSVOA\_W  
ClientSampleId :

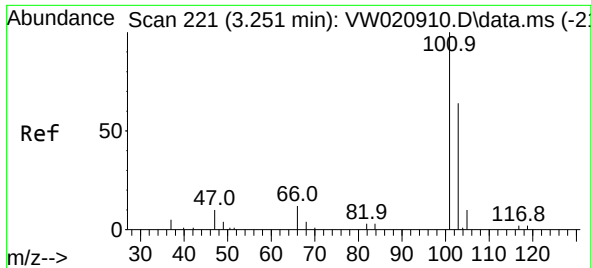
Tgt Ion: 94 Resp: 29879  
Ion Ratio Lower Upper  
94 100  
96 91.6 76.4 114.6



#6  
Chloroethane  
Concen: 56.075 ug/l  
RT: 2.916 min Scan# 166  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 64 Resp: 16575  
Ion Ratio Lower Upper  
64 100  
66 32.2 26.7 40.1

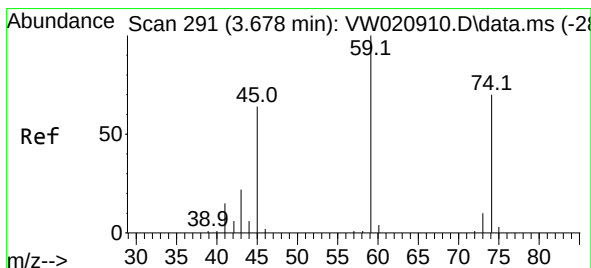
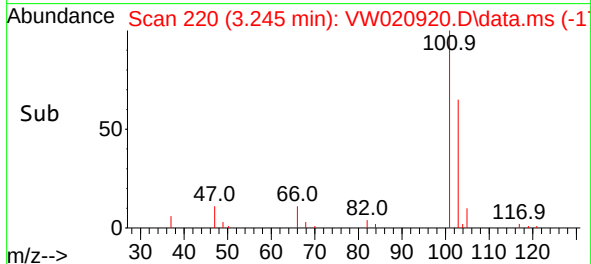
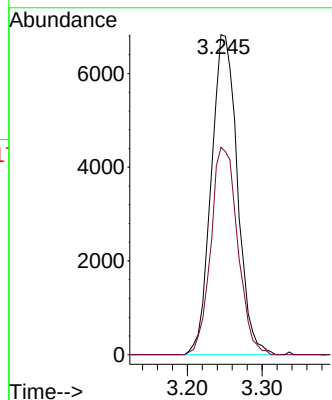
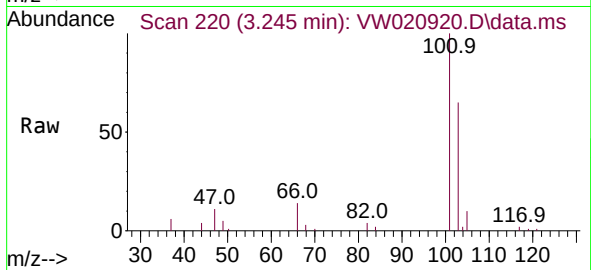




#7  
 Trichlorofluoromethane  
 Concen: 52.205 ug/l  
 RT: 3.245 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

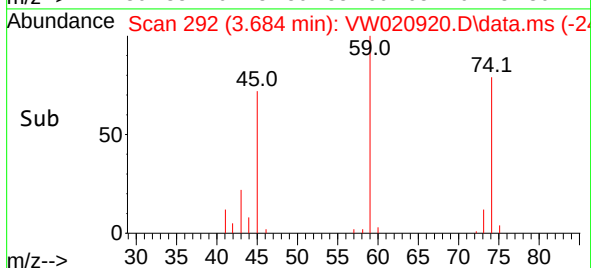
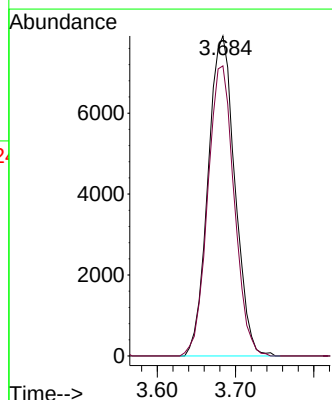
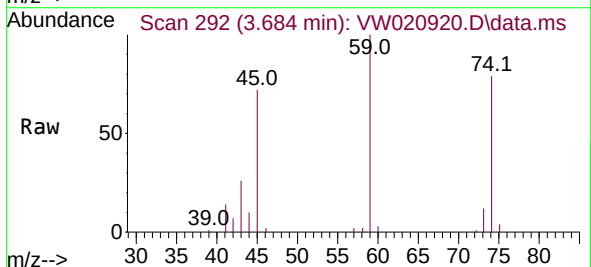
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion:101 Resp: 16604  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 50.9 76.3

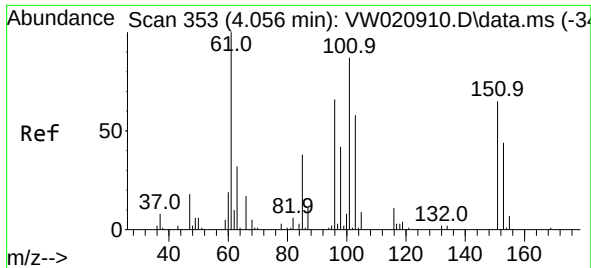


#8  
 Diethyl Ether  
 Concen: 56.432 ug/l  
 RT: 3.684 min Scan# 292  
 Delta R.T. 0.006 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

Tgt Ion: 74 Resp: 18851  
 Ion Ratio Lower Upper  
 74 100  
 45 89.2 45.3 135.8



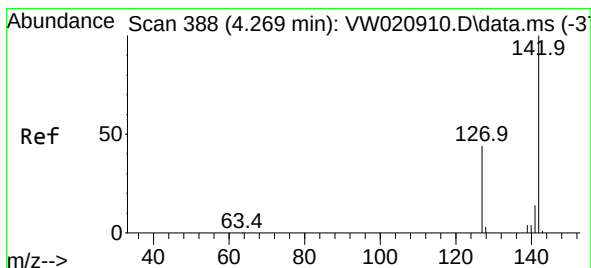
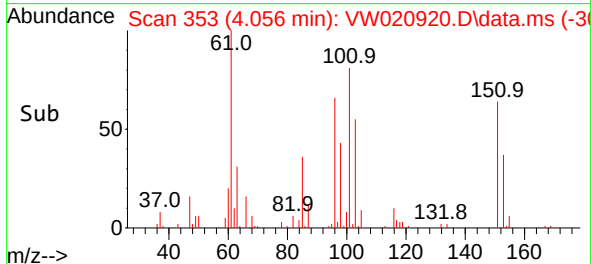
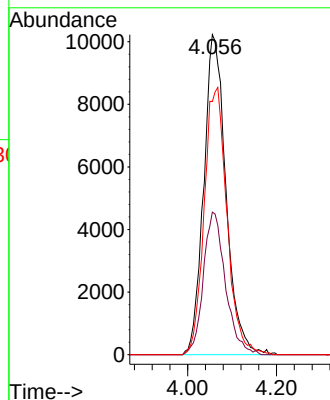
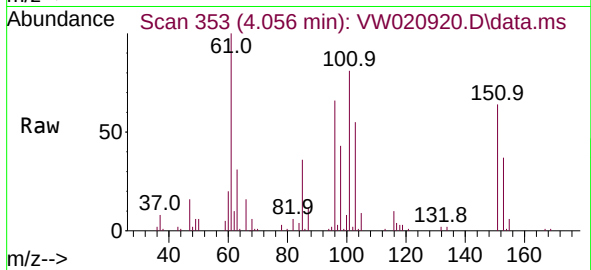




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.304 ug/l  
RT: 4.056 min Scan# 353  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

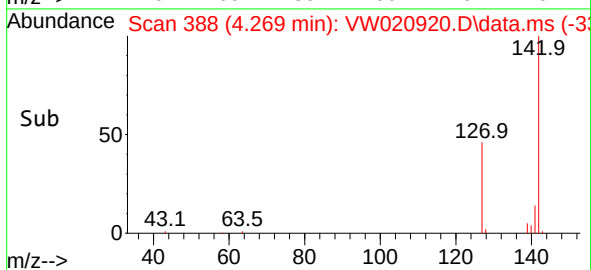
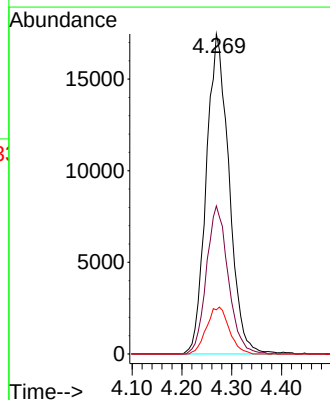
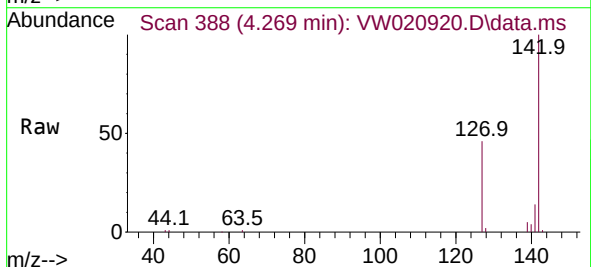
Instrument :  
MSVOA\_W  
ClientSampleId :

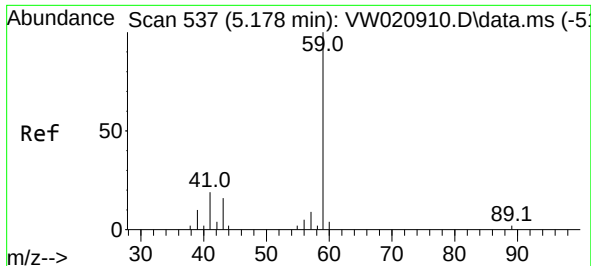
Tgt Ion:101 Resp: 35630  
Ion Ratio Lower Upper  
101 100  
85 44.2 36.6 54.8  
151 85.4 66.3 99.5



#10  
Methyl Iodide  
Concen: 55.786 ug/l  
RT: 4.269 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion:142 Resp: 55208  
Ion Ratio Lower Upper  
142 100  
127 44.5 35.5 53.3  
141 14.6 11.5 17.3

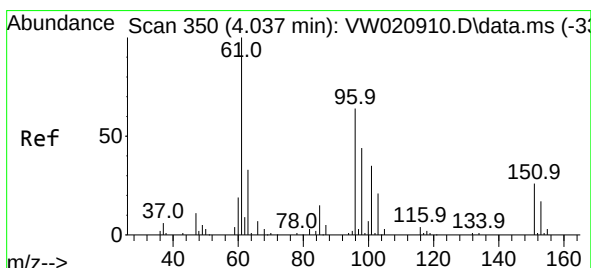
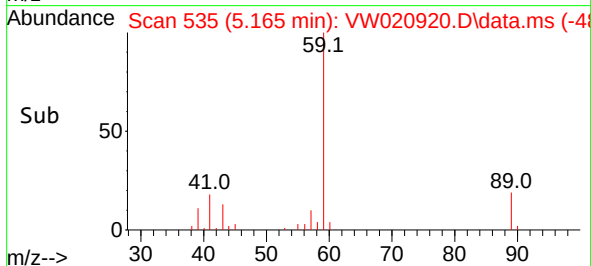
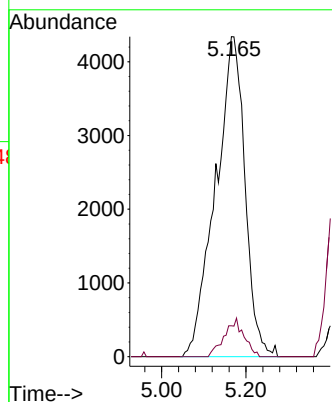
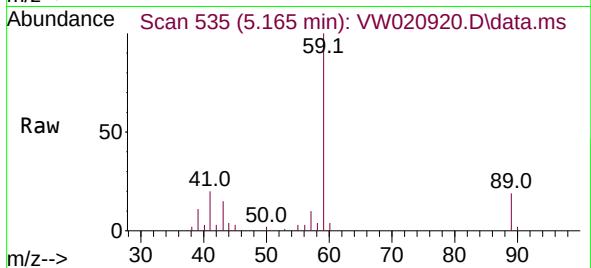




#11  
Tert butyl alcohol  
Concen: 340.275 ug/l  
RT: 5.165 min Scan# 51  
Delta R.T. -0.013 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

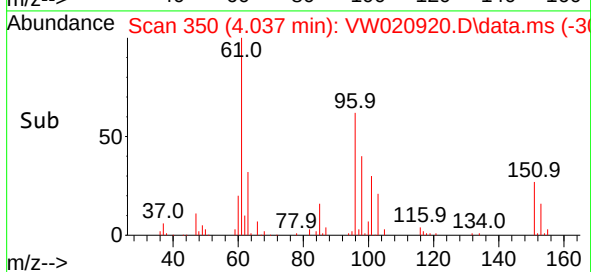
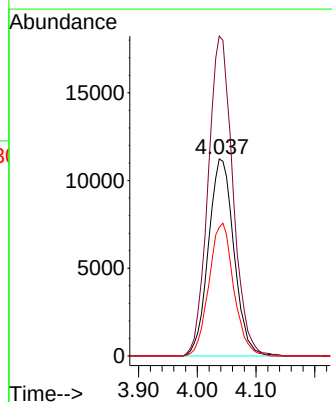
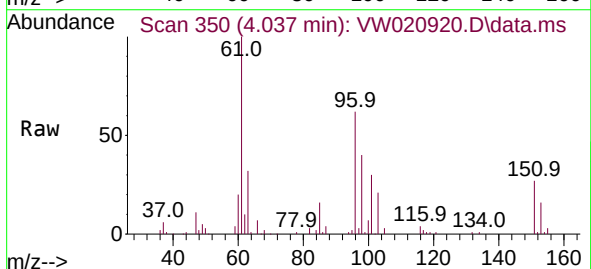
Instrument :  
MSVOA\_W  
ClientSampleId :

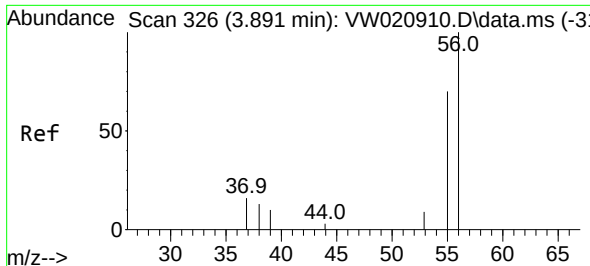
Tgt Ion: 59 Resp: 21008  
Ion Ratio Lower Upper  
59 100  
57 7.9 4.3 6.5#



#12  
1,1-Dichloroethene  
Concen: 52.608 ug/l  
RT: 4.037 min Scan# 350  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 96 Resp: 33824  
Ion Ratio Lower Upper  
96 100  
61 162.5 124.4 186.6  
98 65.3 54.2 81.2

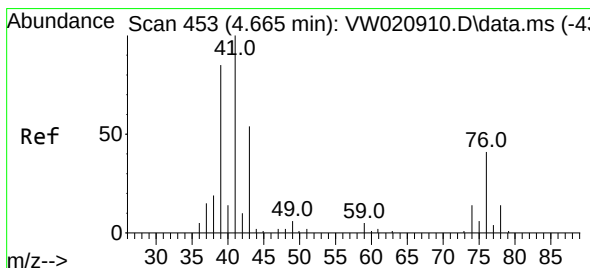
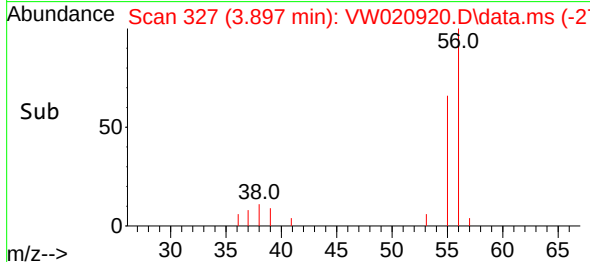
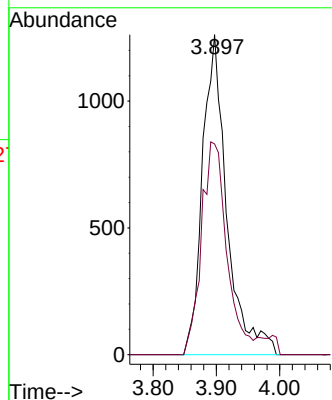
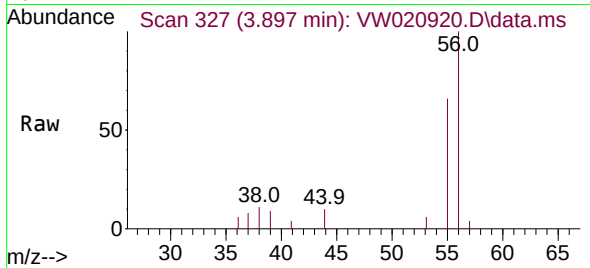




#13  
Acrolein  
Concen: 297.953 ug/l  
RT: 3.897 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

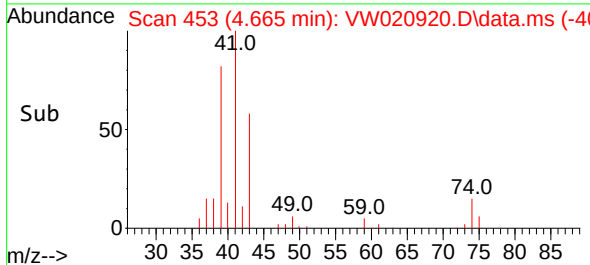
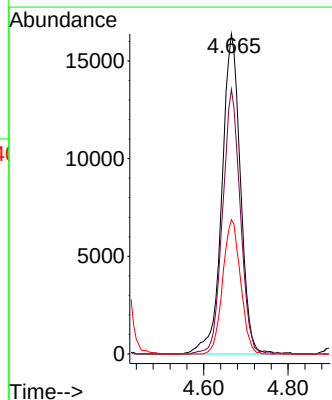
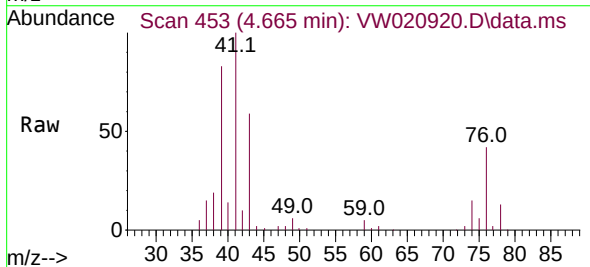
Instrument :  
MSVOA\_W  
ClientSampleId :

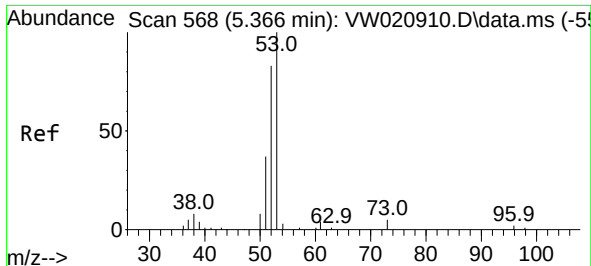
Tgt Ion: 56 Resp: 3368  
Ion Ratio Lower Upper  
56 100  
55 69.6 61.2 91.8



#14  
Allyl chloride  
Concen: 53.987 ug/l  
RT: 4.665 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 41 Resp: 49834  
Ion Ratio Lower Upper  
41 100  
39 78.8 63.4 95.2  
76 40.1 32.2 48.4

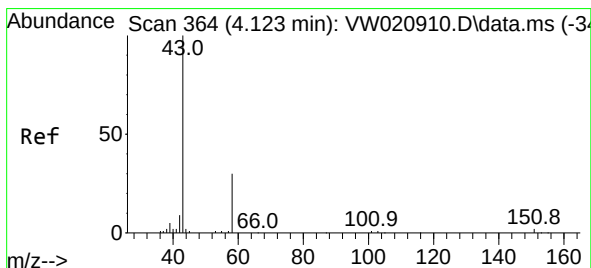
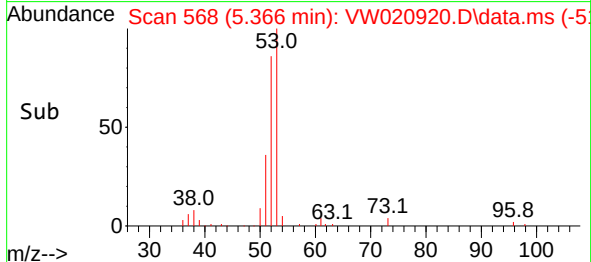
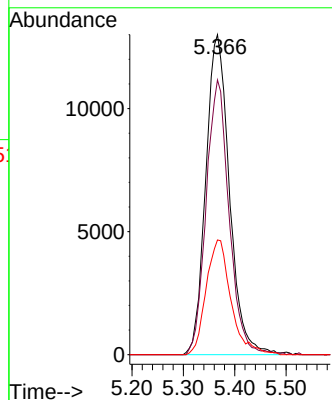
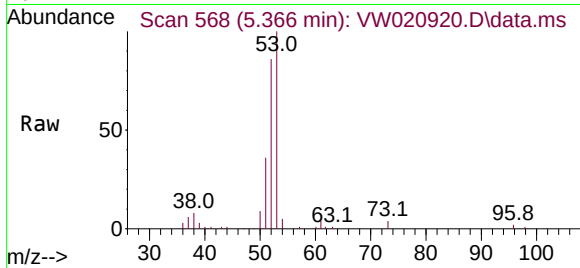




#15  
Acrylonitrile  
Concen: 287.720 ug/l  
RT: 5.366 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

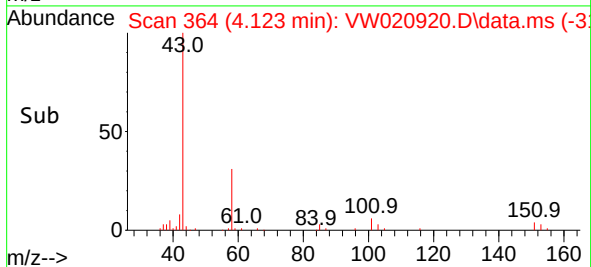
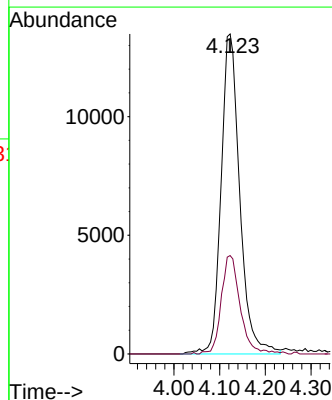
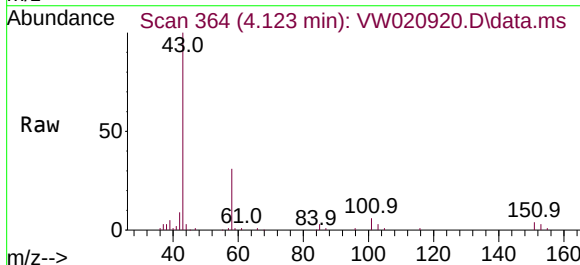
Instrument :  
MSVOA\_W  
ClientSampleId :

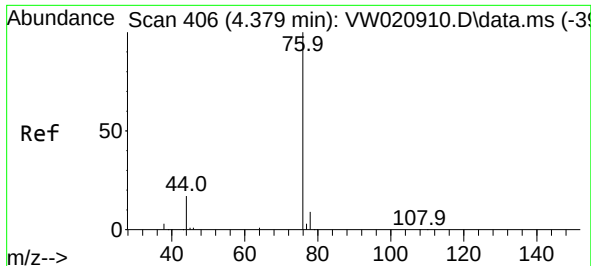
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 83.2  | 65.9  | 98.9  |
| 51      | 37.7  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 263.063 ug/l  
RT: 4.123 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 30.8  | 24.2  | 36.2  |

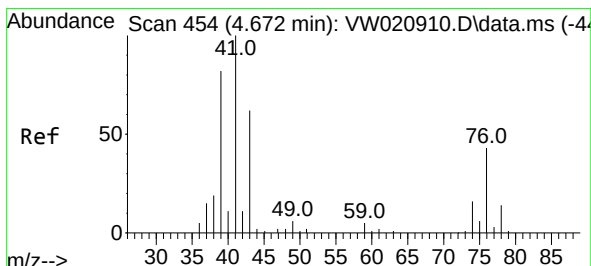
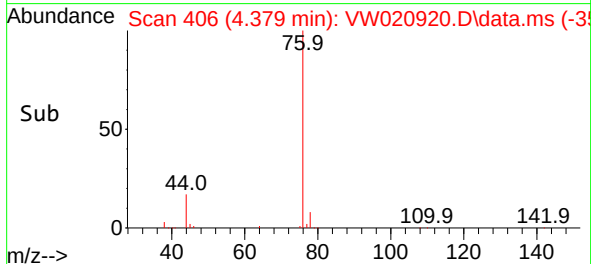
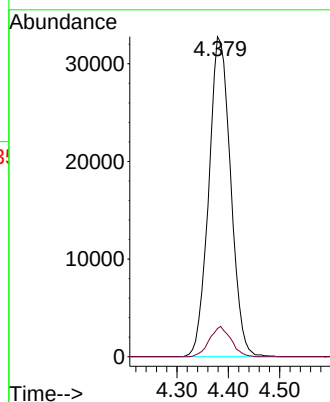
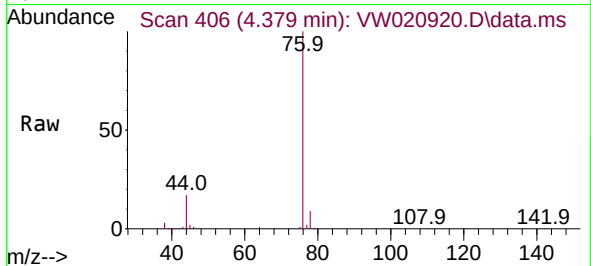




#17  
Carbon Disulfide  
Concen: 54.820 ug/l  
RT: 4.379 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

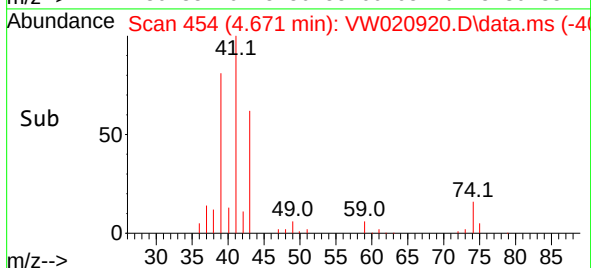
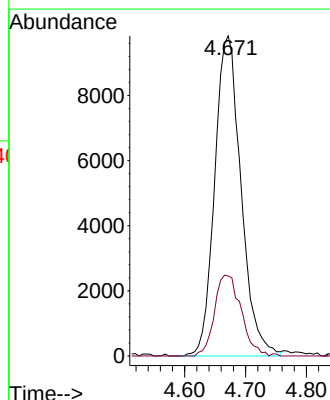
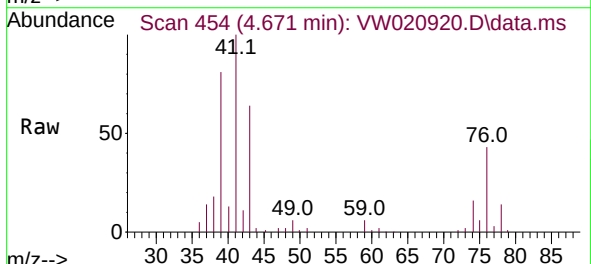
Instrument :  
MSVOA\_W  
ClientSampleId :

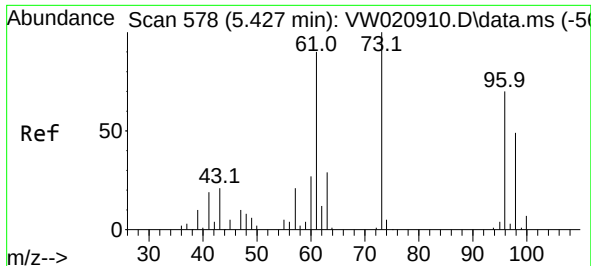
Tgt Ion: 76 Resp: 96854  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.3 10.9



#18  
Methyl Acetate  
Concen: 58.032 ug/l  
RT: 4.671 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 43 Resp: 29497  
Ion Ratio Lower Upper  
43 100  
74 25.6 19.7 29.5

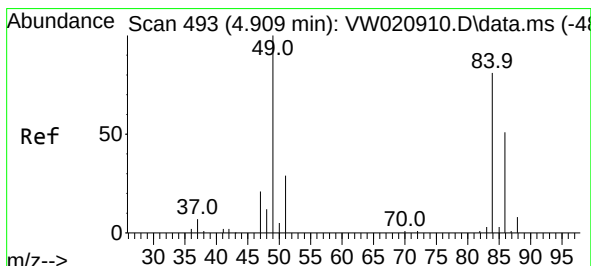
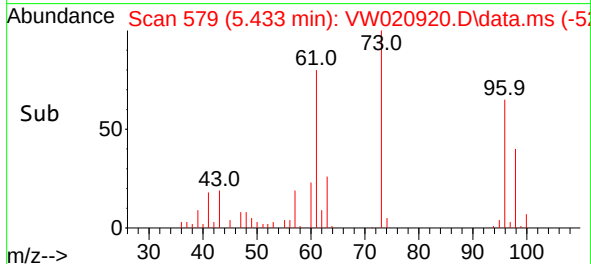
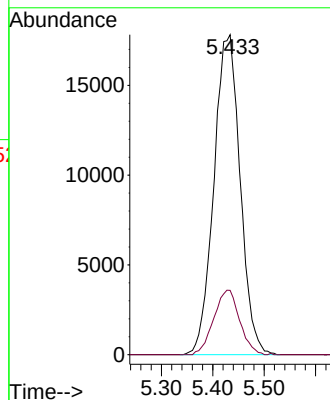
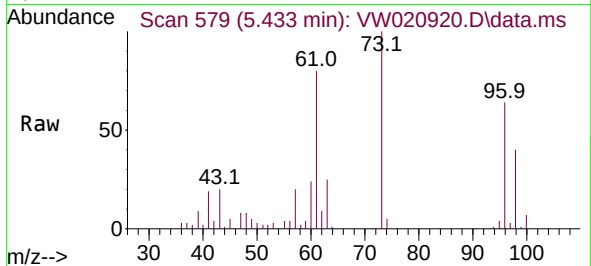




#19  
Methyl tert-butyl Ether  
Concen: 57.034 ug/l  
RT: 5.433 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

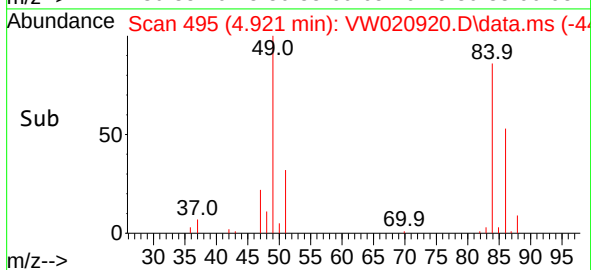
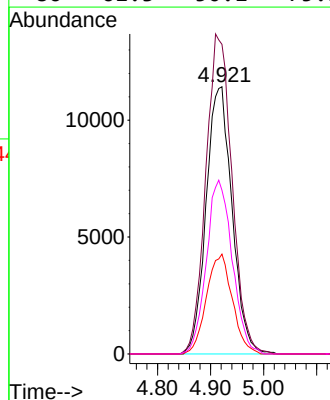
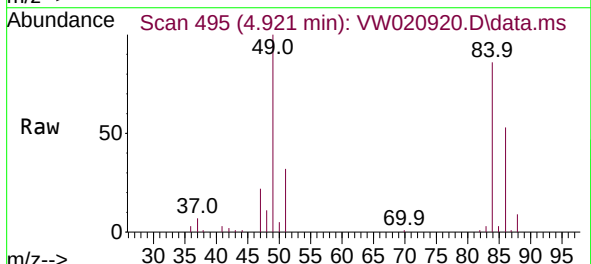
Instrument :  
MSVOA\_W  
ClientSampleId :

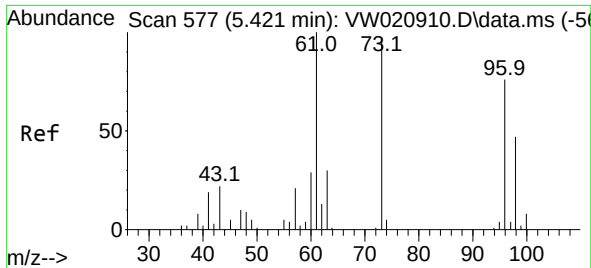
Tgt Ion: 73 Resp: 63191  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.0 25.6



#20  
Methylene Chloride  
Concen: 55.653 ug/l  
RT: 4.921 min Scan# 495  
Delta R.T. 0.012 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 84 Resp: 38887  
Ion Ratio Lower Upper  
84 100  
49 115.9 99.1 148.7  
51 37.4 28.8 43.2  
86 61.3 50.1 75.1

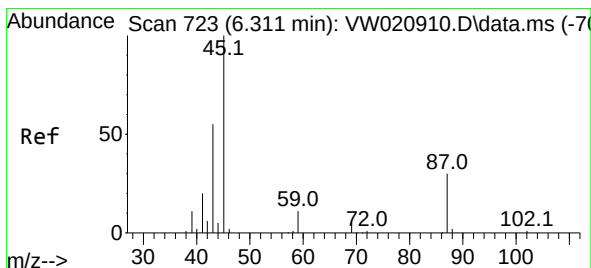
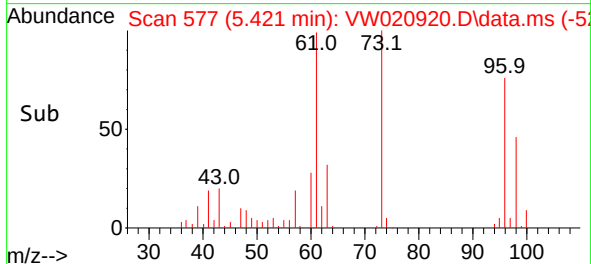
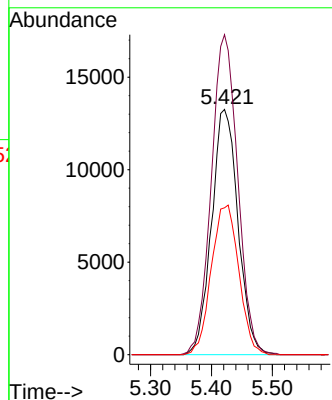
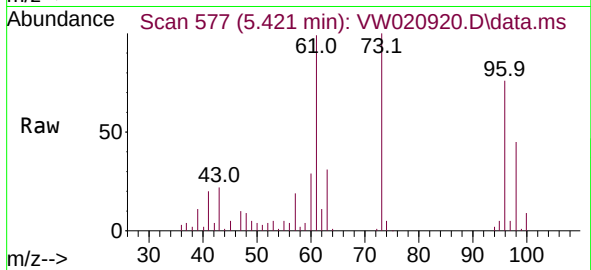




#21  
trans-1,2-Dichloroethene  
Concen: 54.608 ug/l  
RT: 5.421 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

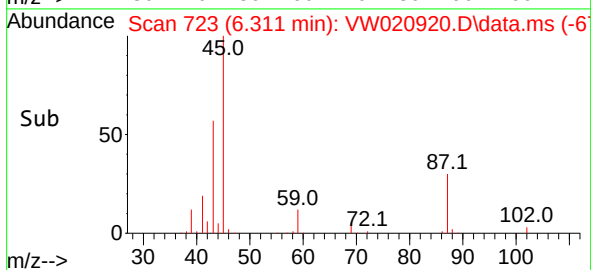
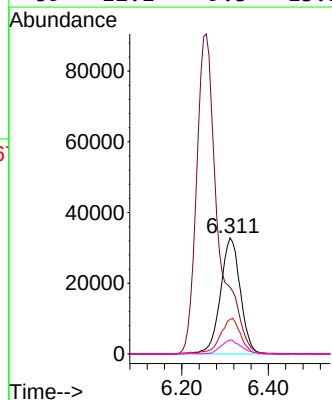
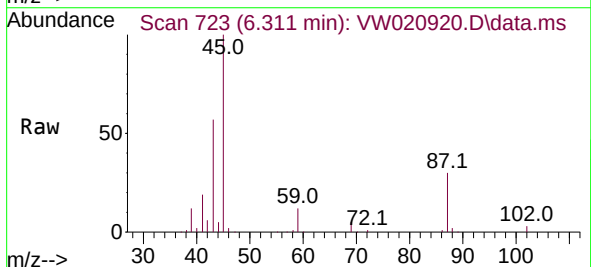
Instrument :  
MSVOA\_W  
ClientSampleId :

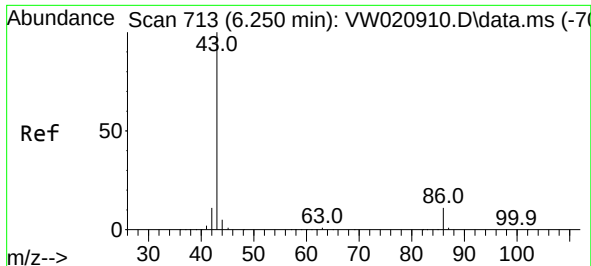
Tgt Ion: 96 Resp: 39968  
Ion Ratio Lower Upper  
96 100  
61 130.4 105.7 158.5  
98 59.8 49.7 74.5



#22  
Diisopropyl ether  
Concen: 55.194 ug/l  
RT: 6.311 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 45 Resp: 104535  
Ion Ratio Lower Upper  
45 100  
43 57.1 46.2 69.4  
87 29.7 25.0 37.6  
59 12.1 9.3 13.9

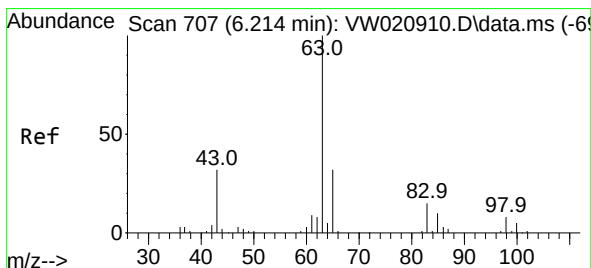
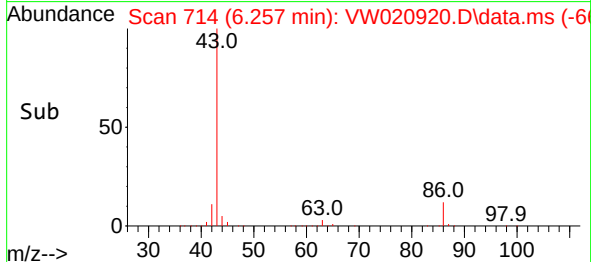
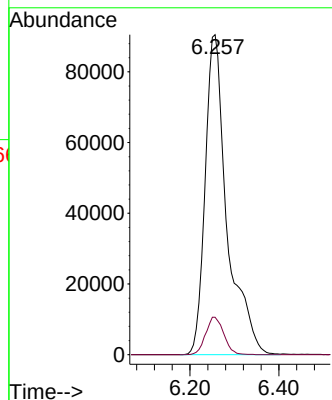
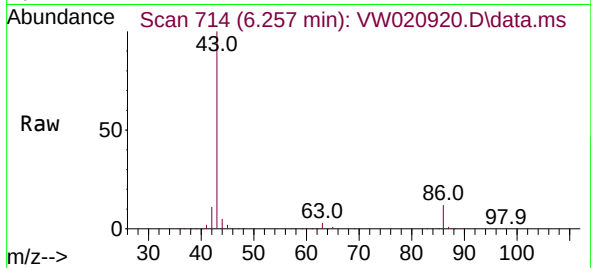




#23  
 Vinyl Acetate  
 Concen: 280.515 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. 0.006 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

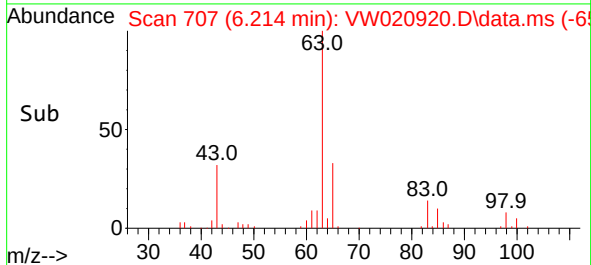
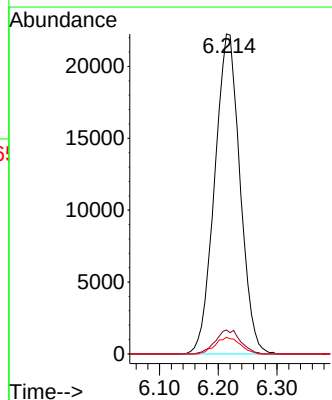
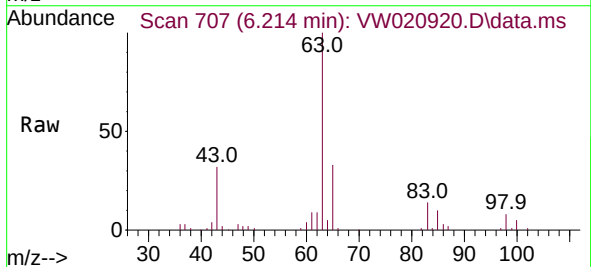
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 43 Resp: 310903  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 9.2 13.8

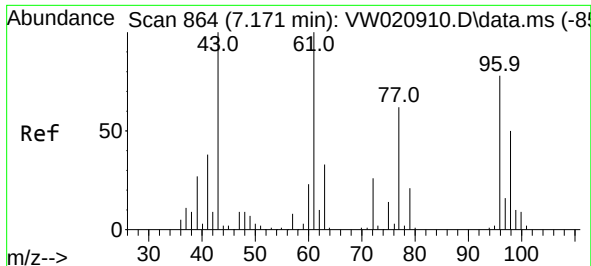


#24  
 1,1-Dichloroethane  
 Concen: 55.319 ug/l  
 RT: 6.214 min Scan# 707  
 Delta R.T. -0.000 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

Tgt Ion: 63 Resp: 66657  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 4.0 12.2  
 100 5.2 2.6 8.0



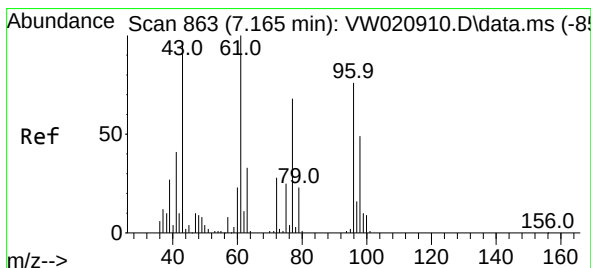
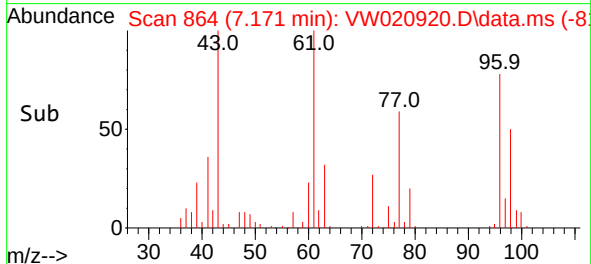
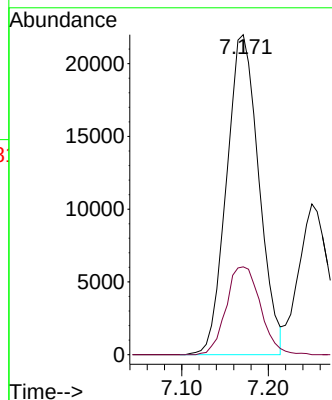
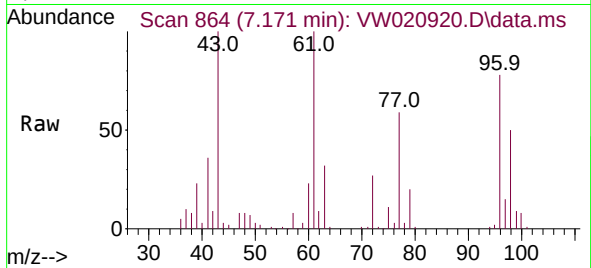




#25  
2-Butanone  
Concen: 275.635 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

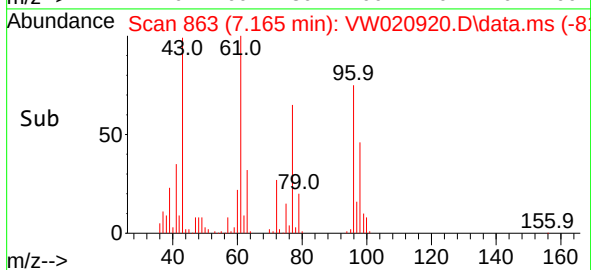
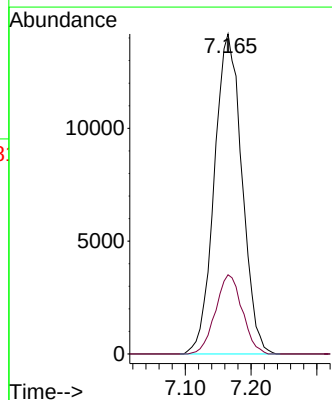
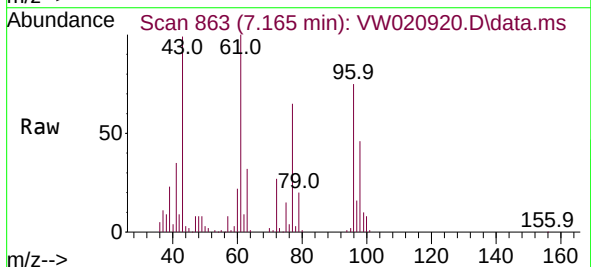
Instrument :  
MSVOA\_W  
ClientSampleId :

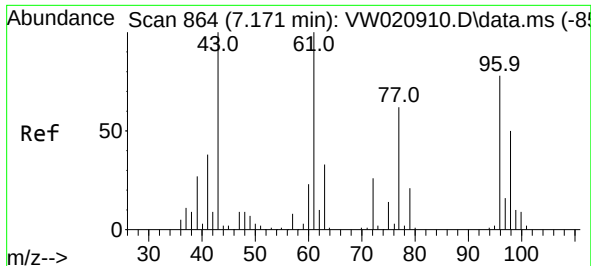
Tgt Ion: 43 Resp: 57026  
Ion Ratio Lower Upper  
43 100  
72 27.4 20.7 31.1



#26  
2,2-Dichloropropane  
Concen: 48.521 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 77 Resp: 41485  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 55.035 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

ClientSampleId :

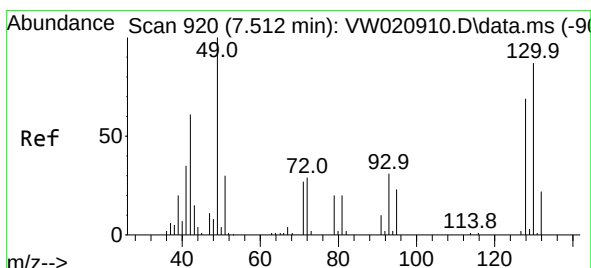
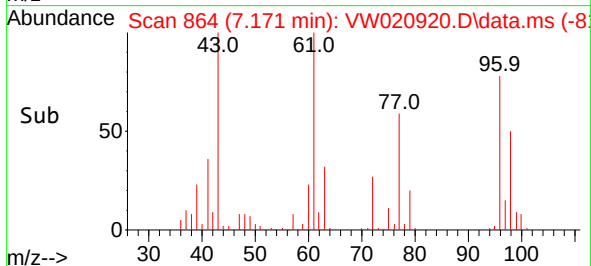
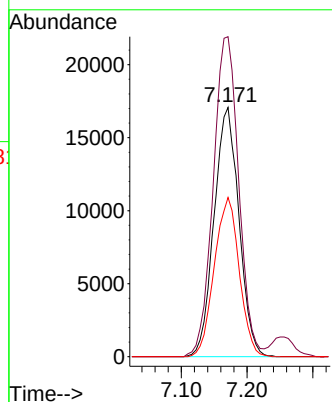
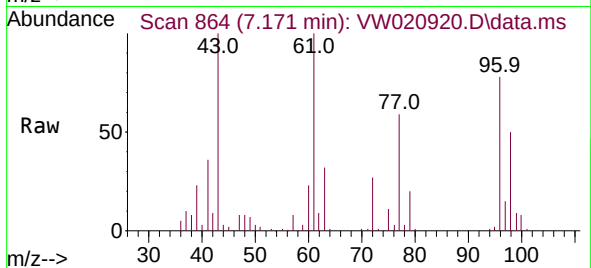
Tgt Ion: 96 Resp: 44998

Ion Ratio Lower Upper

96 100

61 131.6 0.0 266.6

98 63.9 0.0 129.4



#28

Bromochloromethane

Concen: 55.544 ug/l

RT: 7.512 min Scan# 920

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

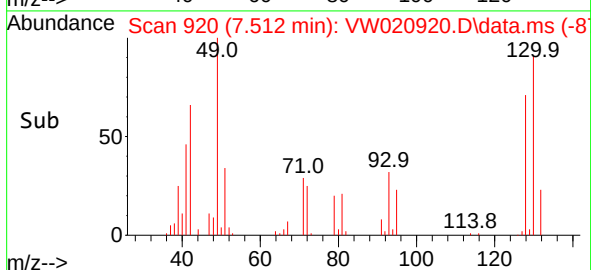
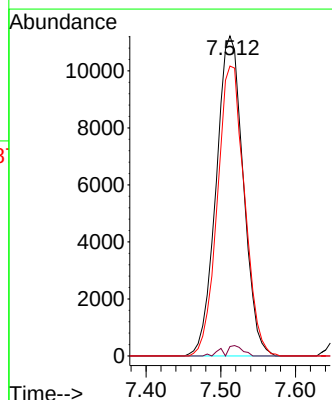
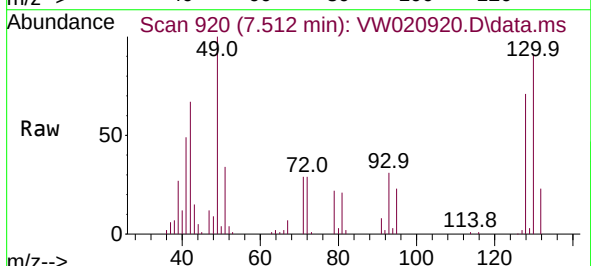
Tgt Ion: 49 Resp: 28321

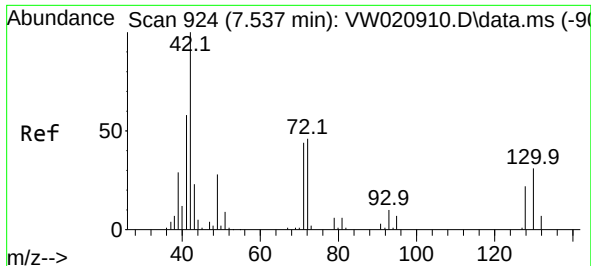
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.4

130 90.5 70.8 106.2





#29

Tetrahydrofuran

Concen: 291.816 ug/l

RT: 7.531 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

ClientSampleId :

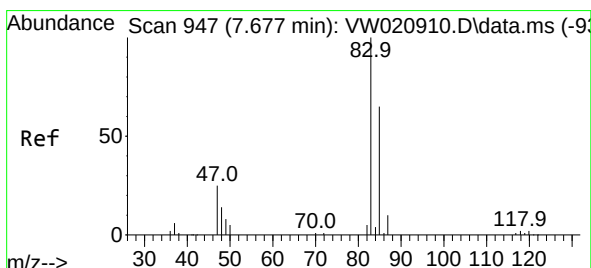
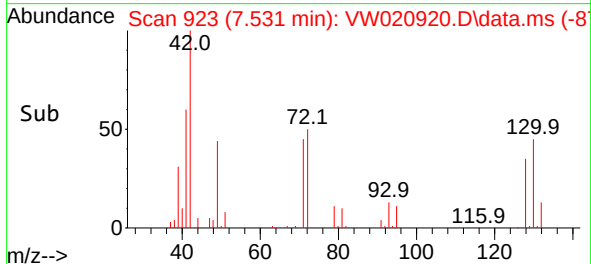
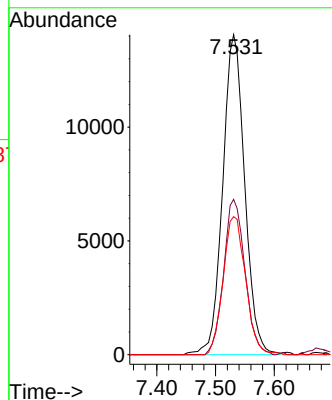
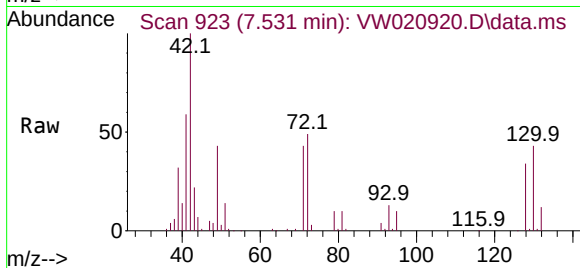
Tgt Ion: 42 Resp: 36613

Ion Ratio Lower Upper

42 100

72 46.9 37.4 56.0

71 44.0 34.7 52.1



#30

Chloroform

Concen: 55.082 ug/l

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW020920.D

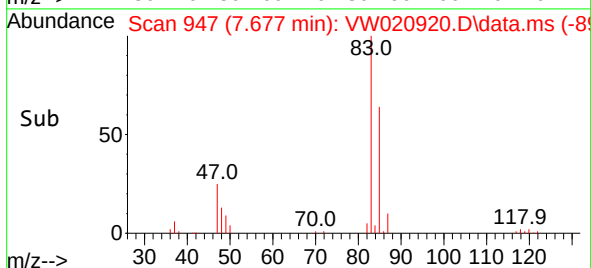
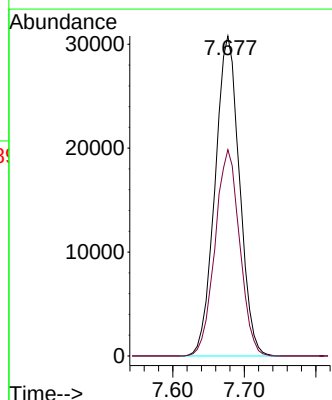
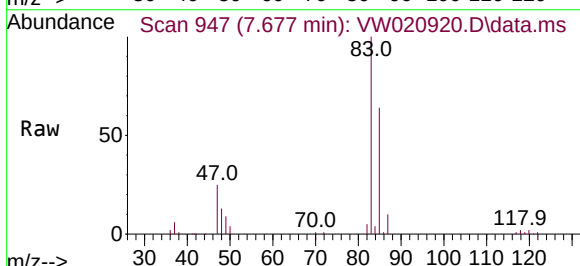
Acq: 17 Nov 2021 23:00

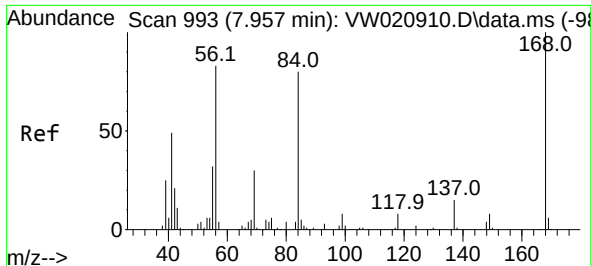
Tgt Ion: 83 Resp: 73019

Ion Ratio Lower Upper

83 100

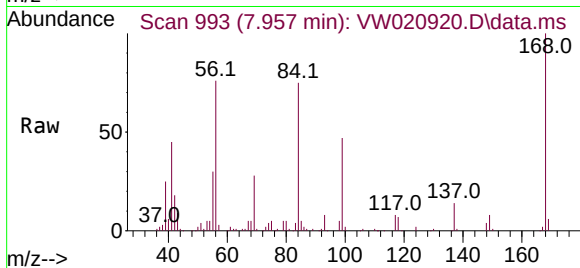
85 64.4 51.7 77.5



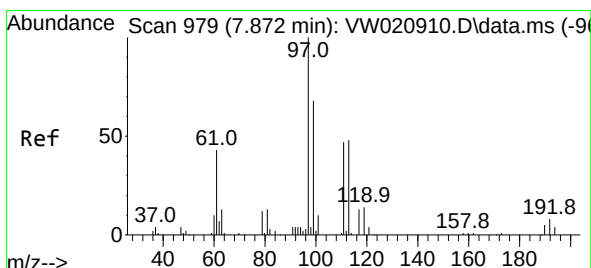
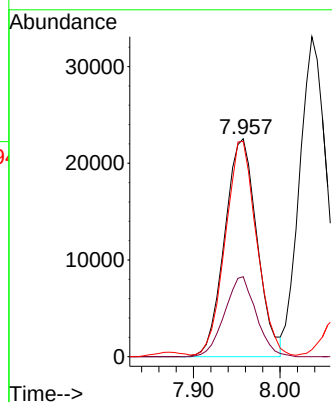
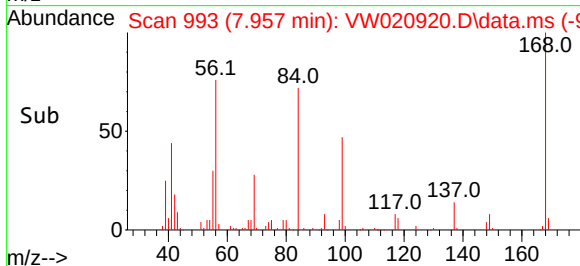


#31  
Cyclohexane  
Concen: 50.102 ug/l  
RT: 7.957 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Instrument :  
MSVOA\_W  
ClientSampleId :

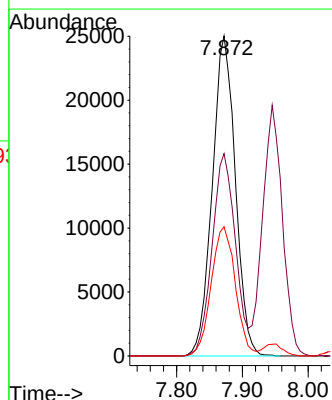
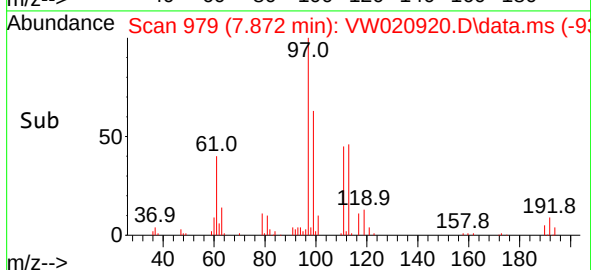
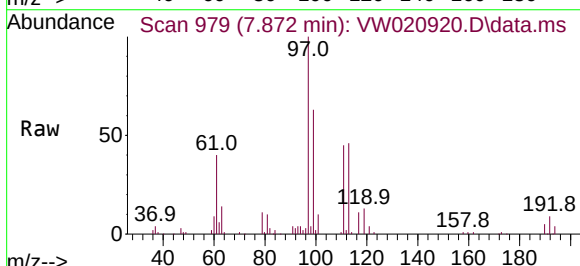


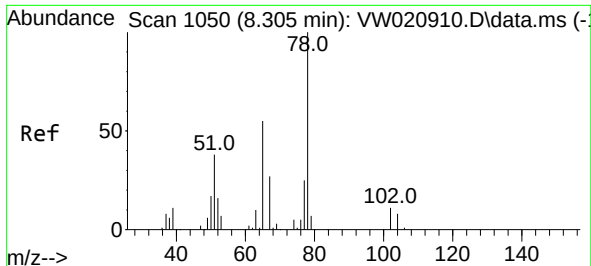
Tgt Ion: 56 Resp: 58571  
Ion Ratio Lower Upper  
56 100  
69 36.7 28.7 43.1  
84 97.3 77.6 116.4



#32  
1,1,1-Trichloroethane  
Concen: 54.483 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 97 Resp: 60984  
Ion Ratio Lower Upper  
97 100  
99 64.0 52.0 78.0  
61 42.4 34.2 51.2

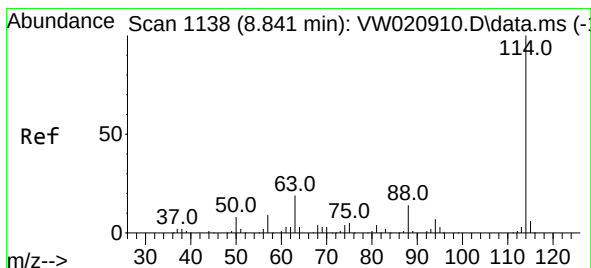
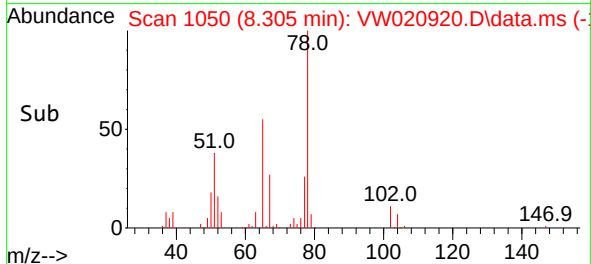
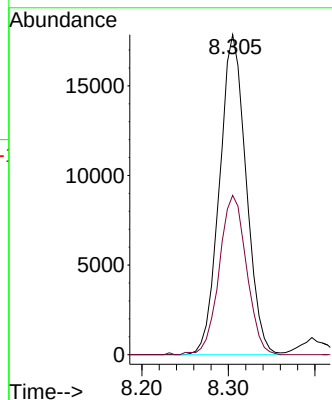
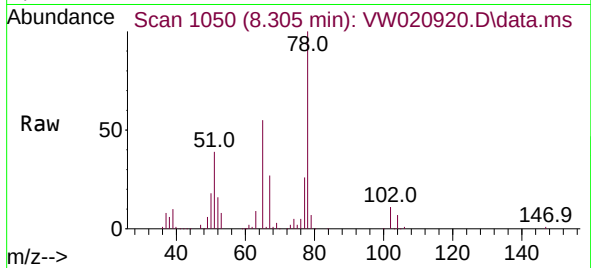




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.355 ug/l  
 RT: 8.305 min Scan# 1050  
 Delta R.T. -0.000 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

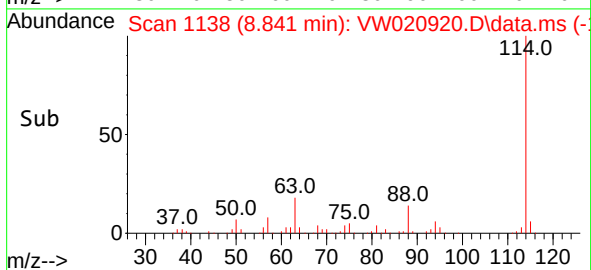
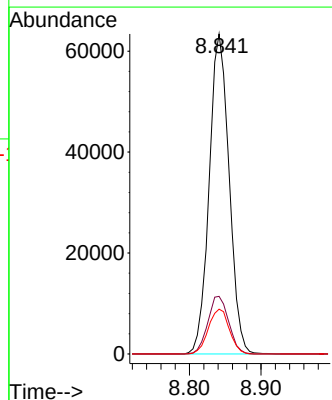
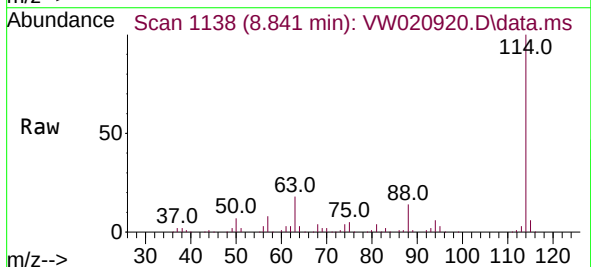
Instrument :  
 MSVOA\_W  
 ClientSampleId :

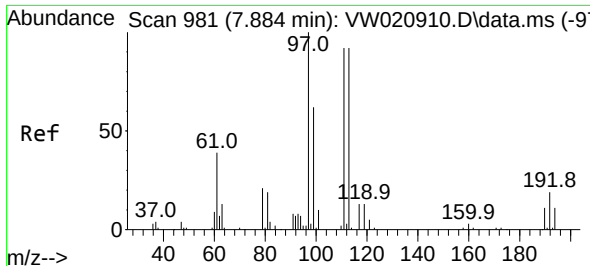
Tgt Ion: 65 Resp: 38090  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.841 min Scan# 1138  
 Delta R.T. -0.000 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

Tgt Ion: 114 Resp: 122574  
 Ion Ratio Lower Upper  
 114 100  
 63 18.0 0.0 37.2  
 88 14.0 0.0 28.8

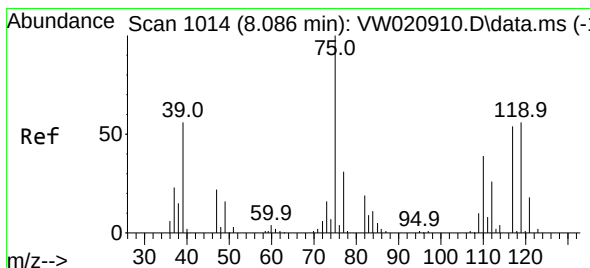
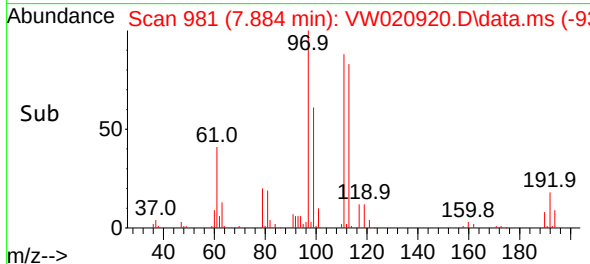
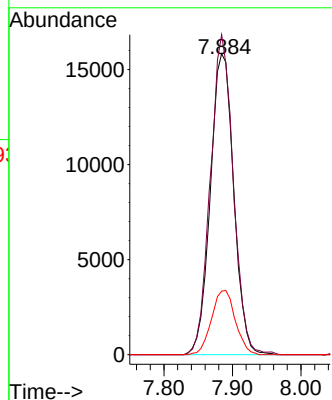
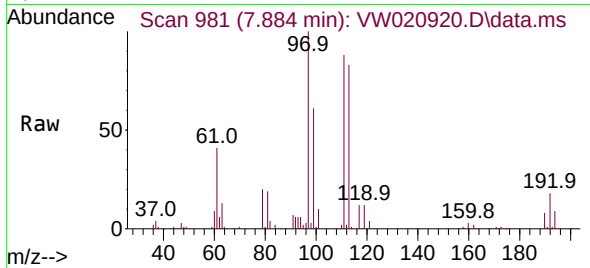




#35  
 Dibromofluoromethane  
 Concen: 48.691 ug/l  
 RT: 7.884 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

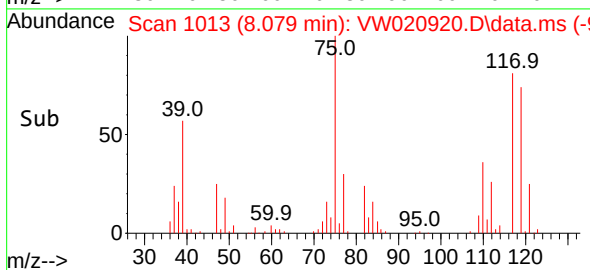
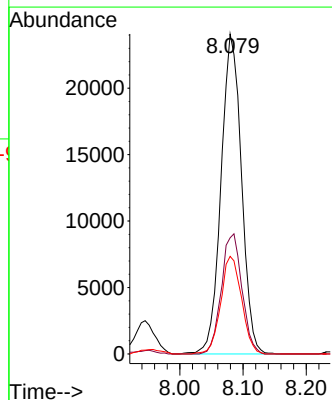
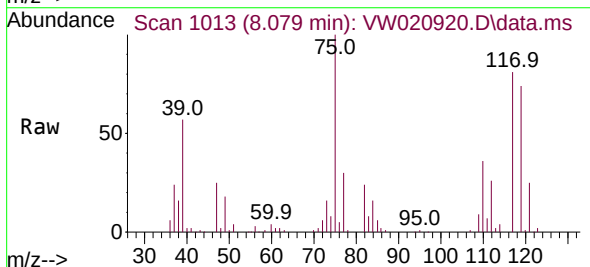
Instrument :  
 MSVOA\_W  
 ClientSampleId :

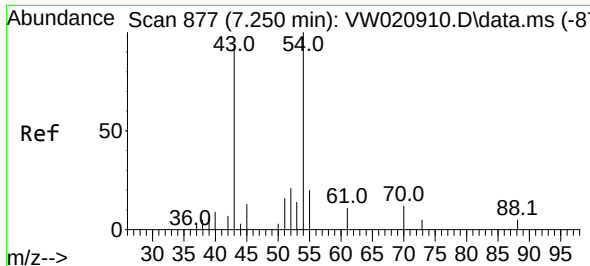
Tgt Ion:113 Resp: 37436  
 Ion Ratio Lower Upper  
 113 100  
 111 104.5 81.2 121.8  
 192 21.8 16.8 25.2



#36  
 1,1-Dichloropropene  
 Concen: 48.914 ug/l  
 RT: 8.079 min Scan# 1013  
 Delta R.T. -0.006 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

Tgt Ion: 75 Resp: 53862  
 Ion Ratio Lower Upper  
 75 100  
 110 37.9 19.1 57.5  
 77 31.1 24.8 37.2

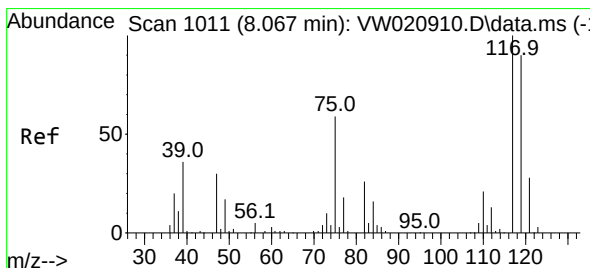
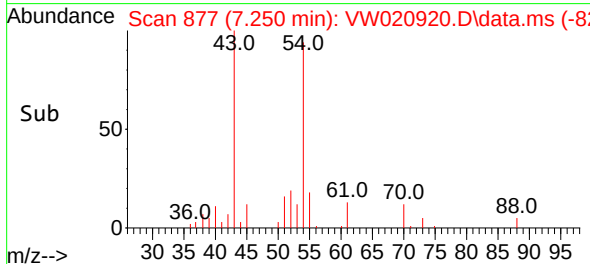
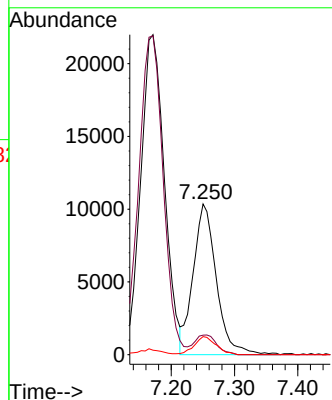
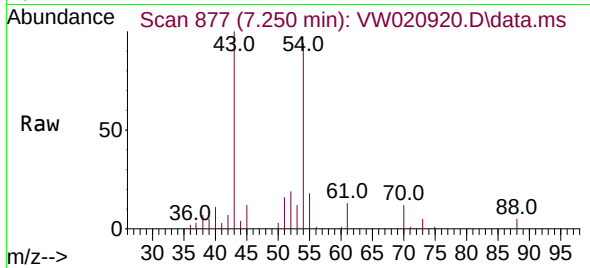




#37  
Ethyl Acetate  
Concen: 52.631 ug/l  
RT: 7.250 min Scan# 877  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

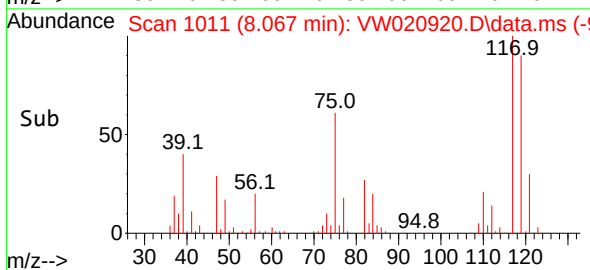
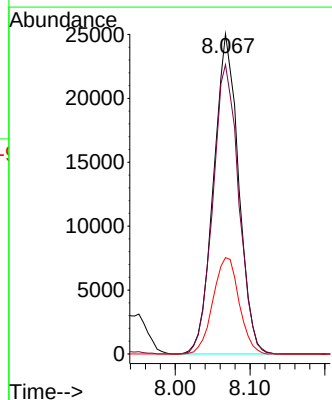
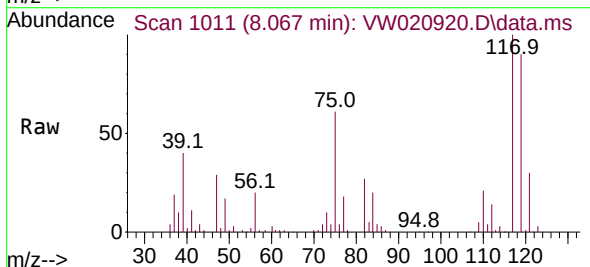
Instrument :  
MSVOA\_W  
ClientSampleId :

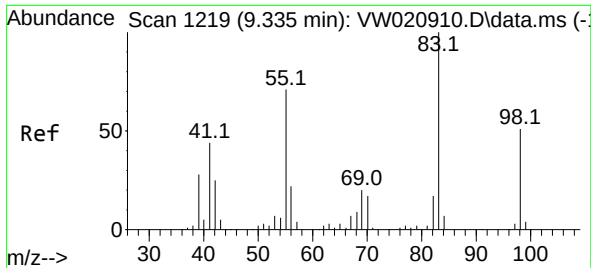
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 26435 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 12.5  | 11.3  | 16.9  |
| 70        | 11.3  | 9.2   | 13.8  |



#38  
Carbon Tetrachloride  
Concen: 49.666 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 58177 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 90.4  | 72.0  | 108.0 |
| 121       | 30.1  | 22.6  | 33.8  |

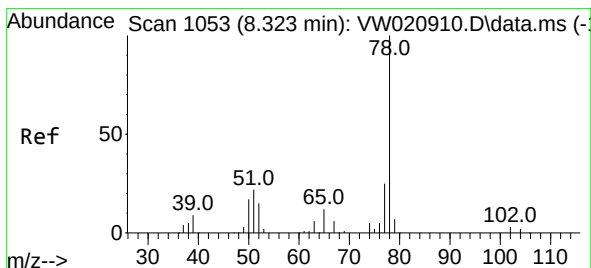
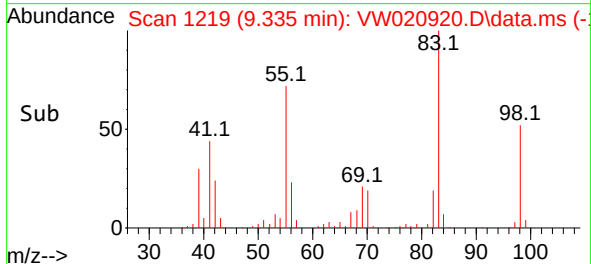
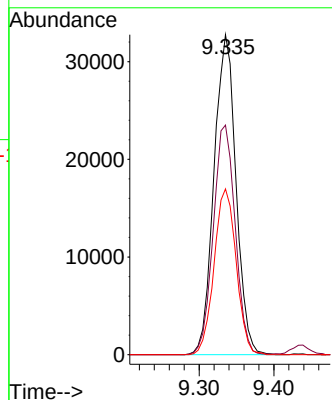
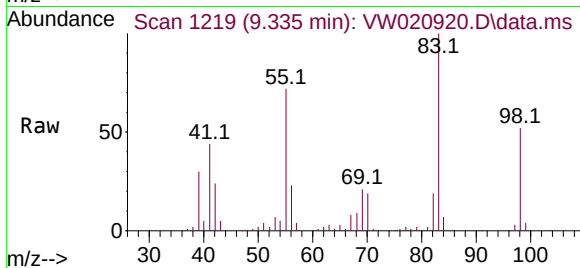




#39  
Methylcyclohexane  
Concen: 48.369 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

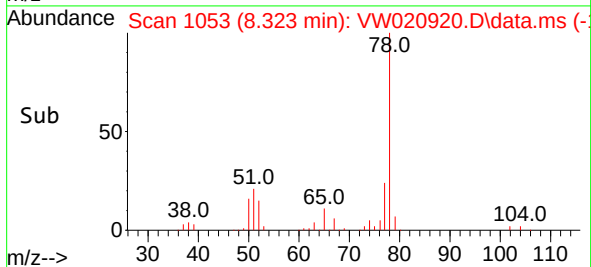
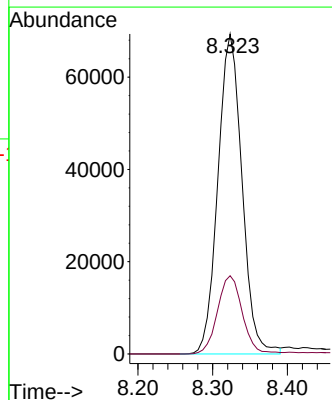
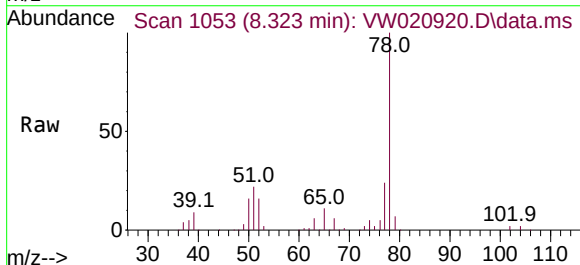
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 83 Resp: 66873  
Ion Ratio Lower Upper  
83 100  
55 71.8 56.6 85.0  
98 51.8 41.0 61.4

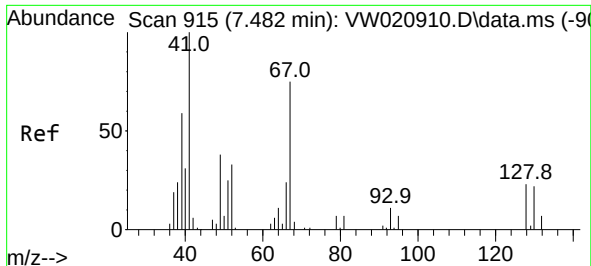


#40  
Benzene  
Concen: 49.498 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 78 Resp: 155408  
Ion Ratio Lower Upper  
78 100  
77 24.5 20.0 30.0

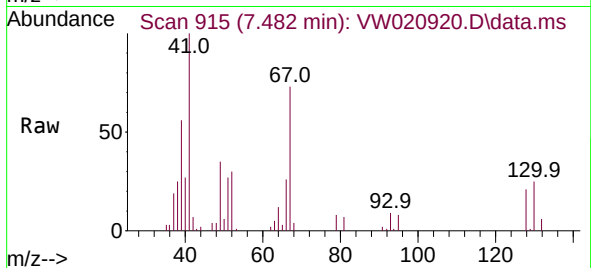




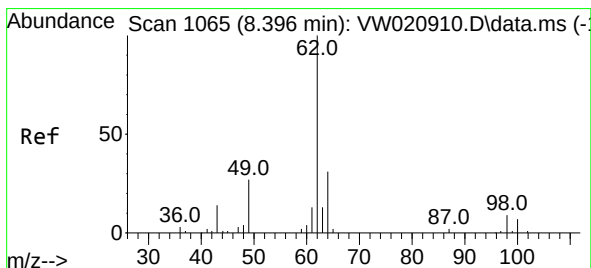
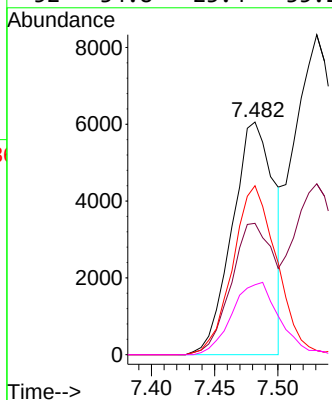
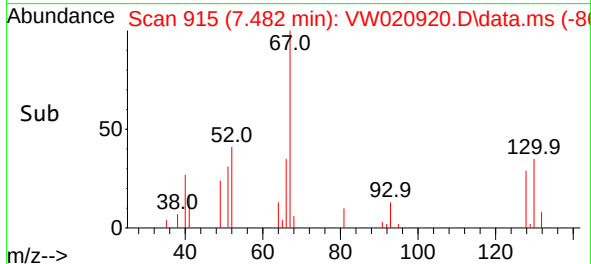


#41  
Methacrylonitrile  
Concen: 52.221 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

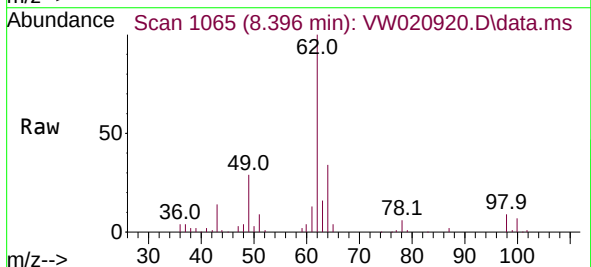
Instrument :  
MSVOA\_W  
ClientSampleId :



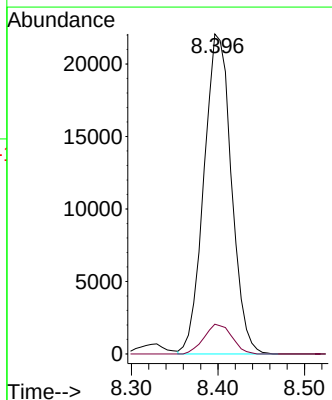
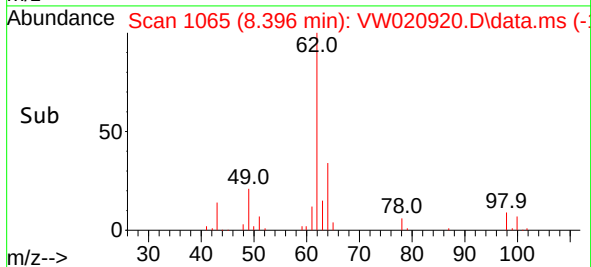
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 13985 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.5  | 42.9  | 64.3  |
| 67       | 76.3  | 56.2  | 84.4  |
| 52       | 34.8  | 23.4  | 35.2  |

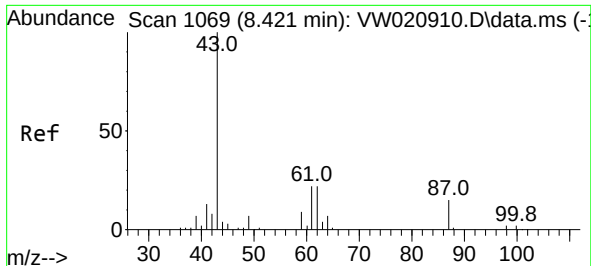


#42  
1,2-Dichloroethane  
Concen: 51.087 ug/l  
RT: 8.396 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 48656 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.4   | 0.0   | 19.0  |

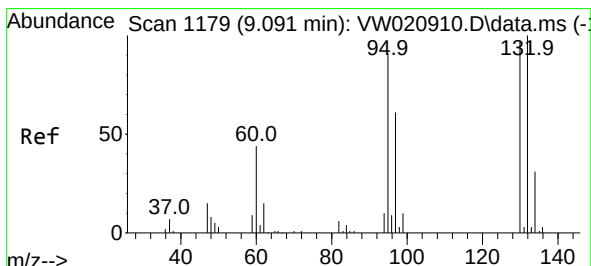
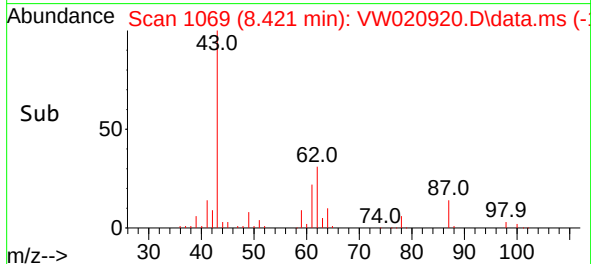
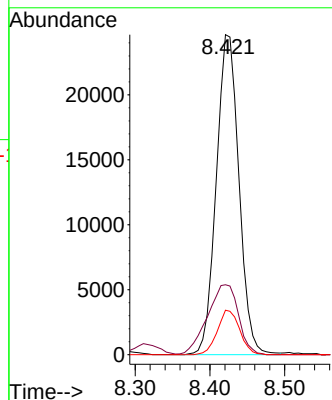
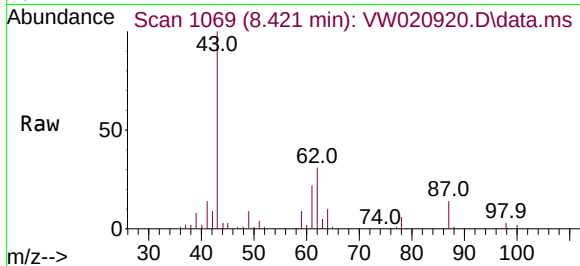




#43  
Isopropyl Acetate  
Concen: 52.744 ug/l  
RT: 8.421 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

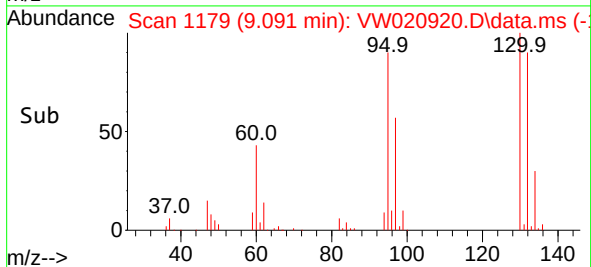
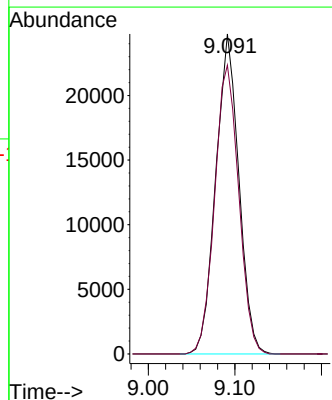
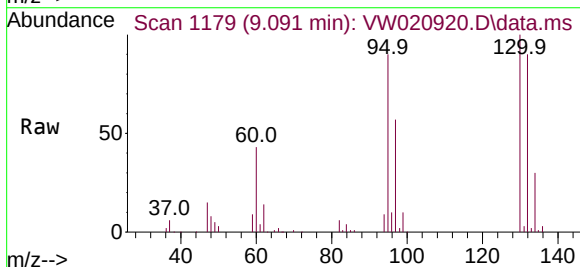
Instrument :  
MSVOA\_W  
ClientSampleId :

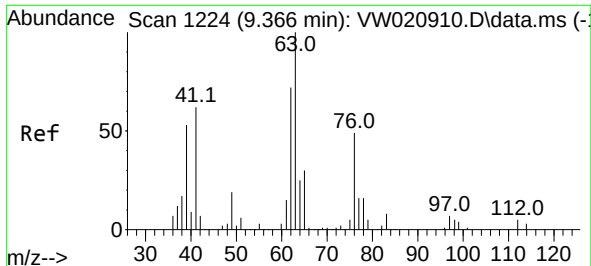
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.9  | 23.7  | 35.5  |
| 87      | 13.7  | 11.5  | 17.3  |



#44  
Trichloroethene  
Concen: 50.075 ug/l  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.3  | 0.0   | 186.6 |

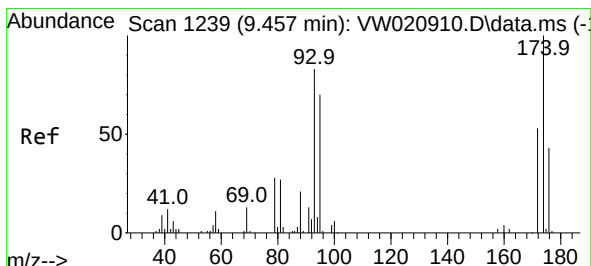
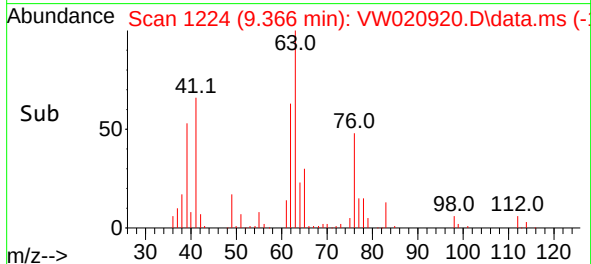
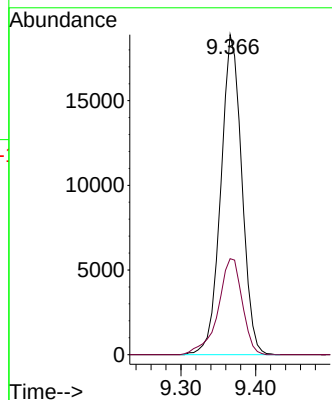
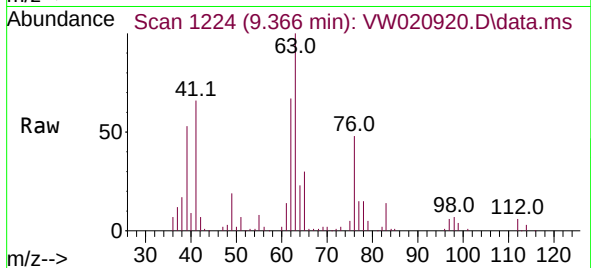




#45  
1,2-Dichloropropane  
Concen: 51.074 ug/l  
RT: 9.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

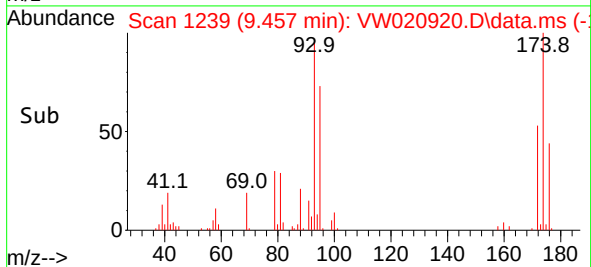
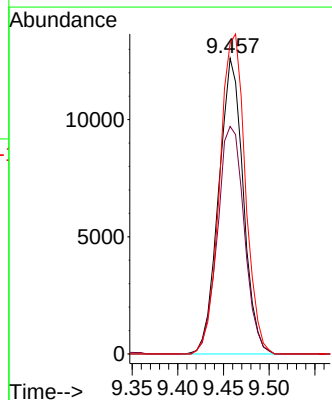
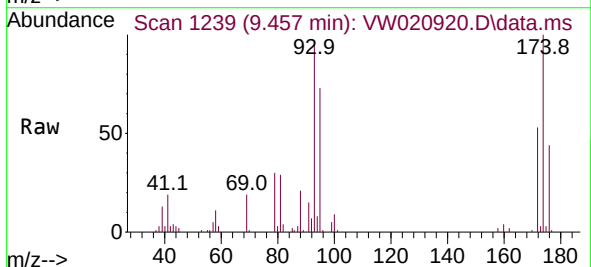
Instrument :  
MSVOA\_W  
ClientSampleId :

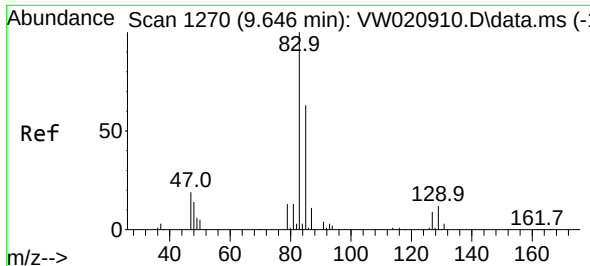
Tgt Ion: 63 Resp: 36930  
Ion Ratio Lower Upper  
63 100  
65 30.0 23.8 35.6



#46  
Dibromomethane  
Concen: 51.527 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 93 Resp: 23605  
Ion Ratio Lower Upper  
93 100  
95 83.4 66.6 100.0  
174 112.6 91.1 136.7





#47

Bromodichloromethane

Concen: 50.921 ug/l

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020920.D

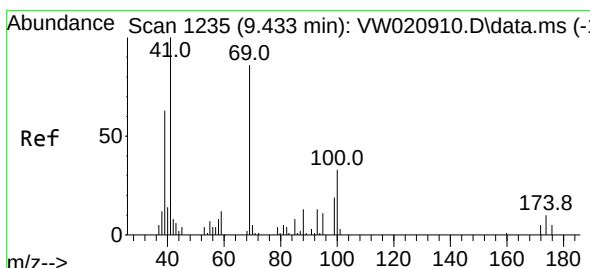
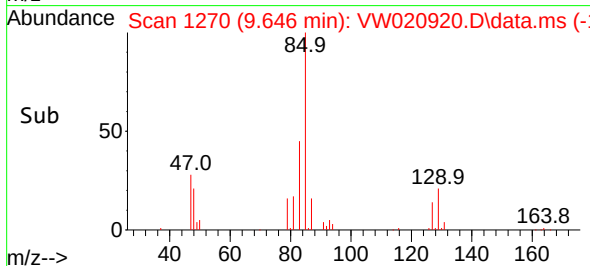
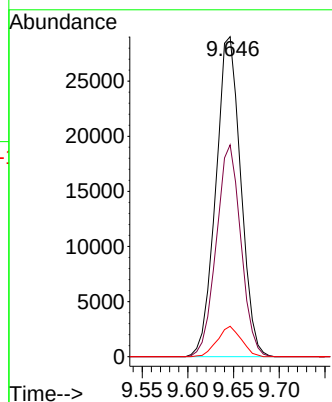
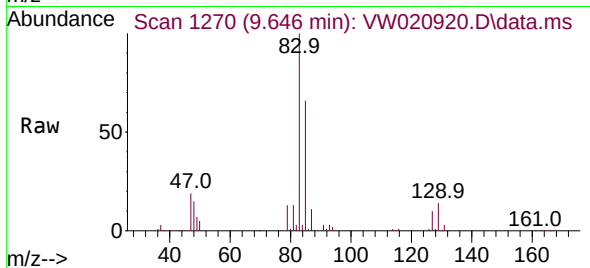
Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 55191 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 66.2  | 50.3  | 75.5  |
| 127       | 9.5   | 7.1   | 10.7  |



#48

Methyl methacrylate

Concen: 50.728 ug/l

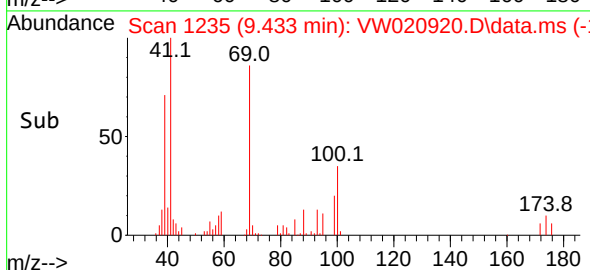
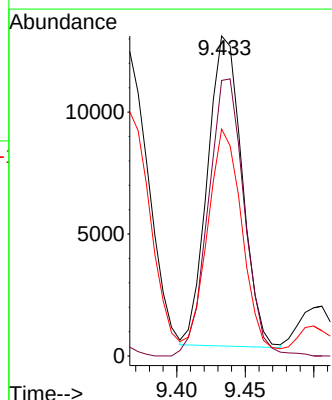
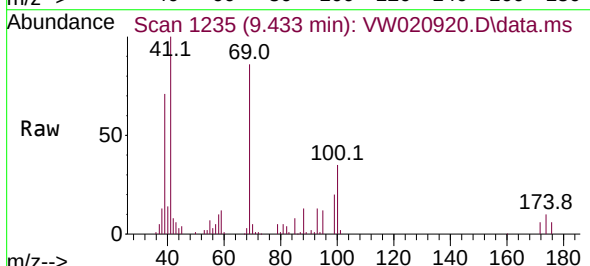
RT: 9.433 min Scan# 1235

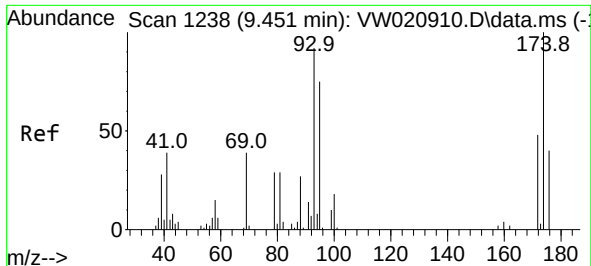
Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

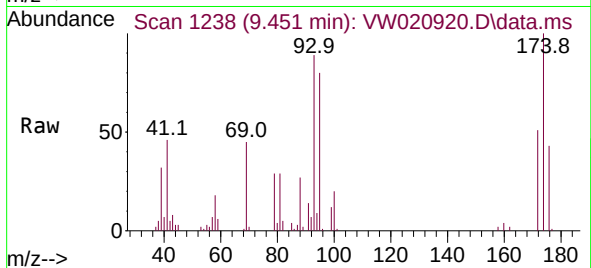
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 22244 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 93.4  | 72.9  | 109.3 |
| 39        | 69.1  | 54.2  | 81.4  |



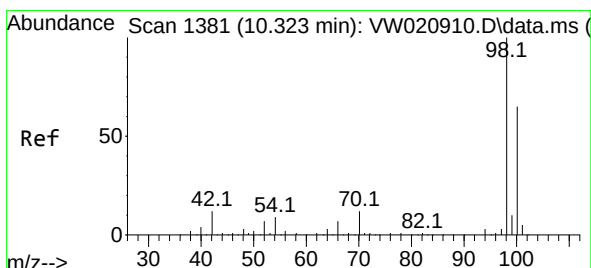
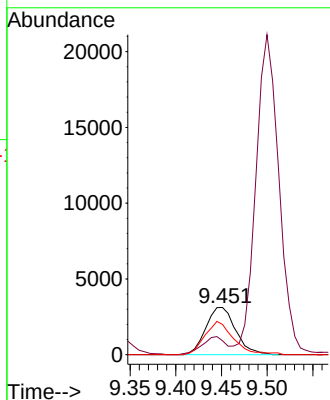
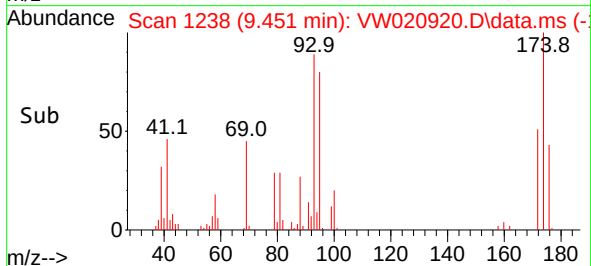


#49  
1,4-Dioxane  
Concen: 1069.357 ug/l  
RT: 9.451 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Instrument :  
MSVOA\_W  
ClientSampleId :

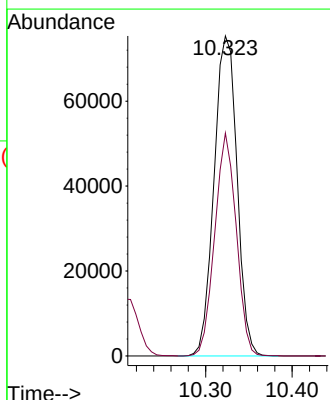
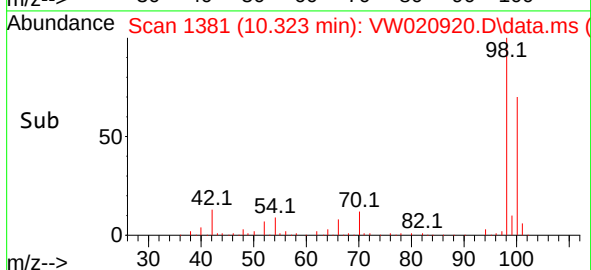
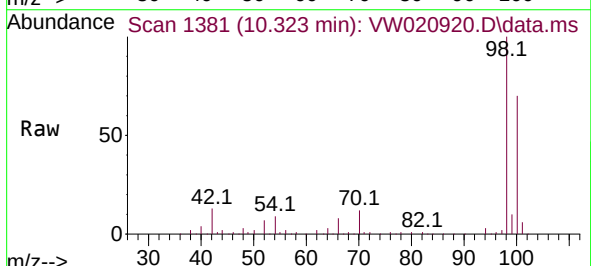


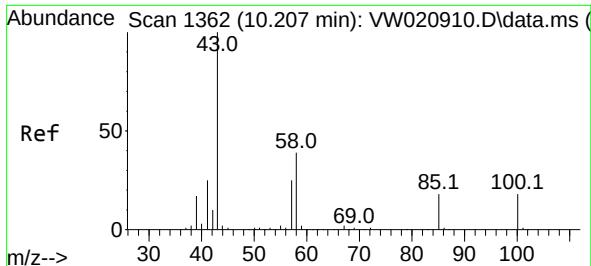
Tgt Ion: 88 Resp: 7059  
Ion Ratio Lower Upper  
88 100  
43 29.4 26.6 39.8  
58 68.0 51.8 77.8



#50  
Toluene-d8  
Concen: 49.241 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 98 Resp: 138851  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 79.0

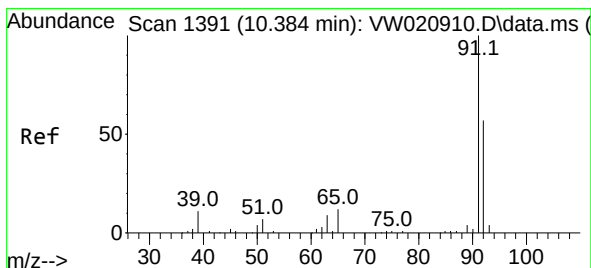
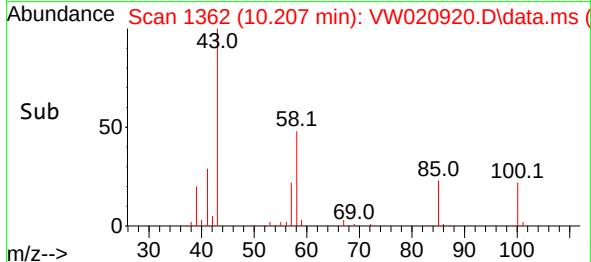
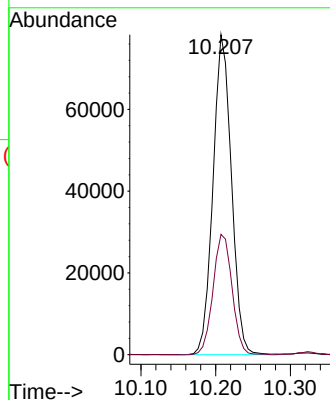
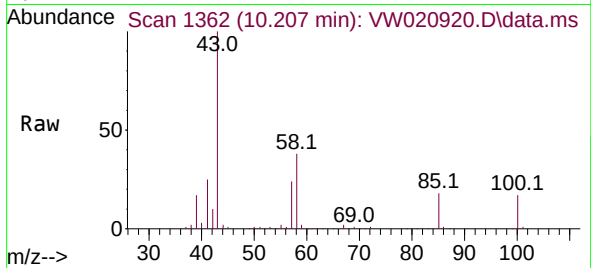




#51  
4-Methyl-2-Pentanone  
Concen: 267.136 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

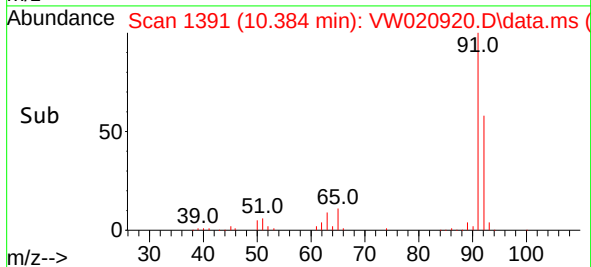
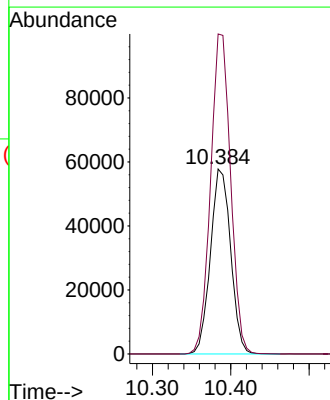
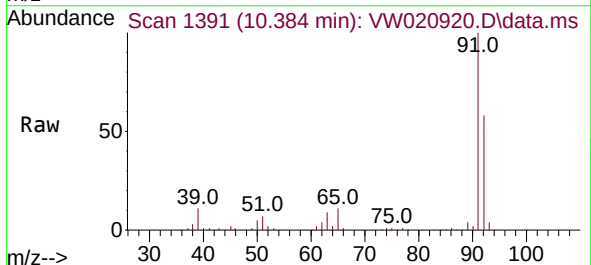
Instrument :  
MSVOA\_W  
ClientSampleId :

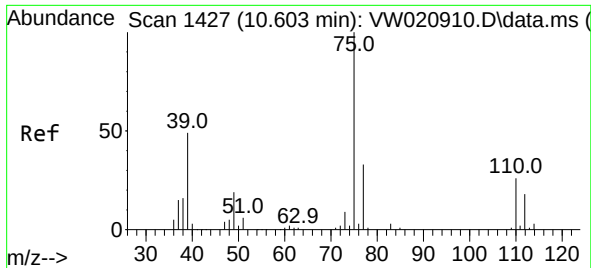
Tgt Ion: 43 Resp: 134069  
Ion Ratio Lower Upper  
43 100  
58 38.7 30.9 46.3



#52  
Toluene  
Concen: 51.301 ug/l  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 92 Resp: 103536  
Ion Ratio Lower Upper  
92 100  
91 171.3 137.1 205.7

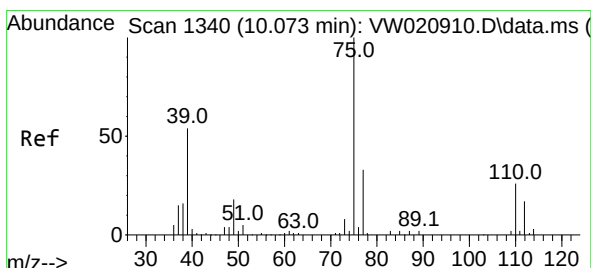
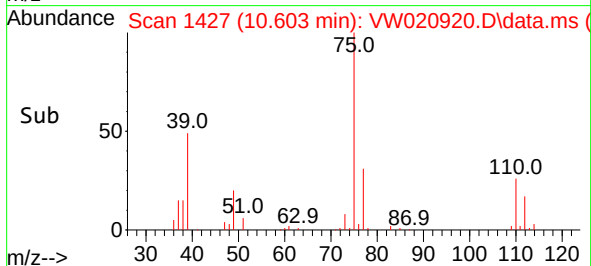
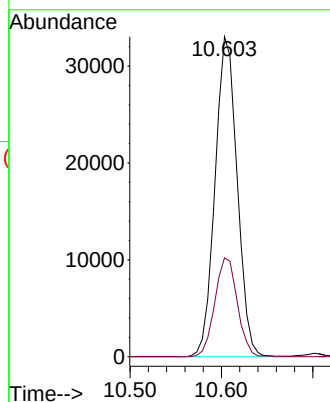
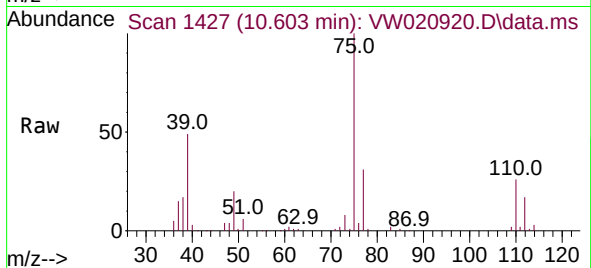




#53  
 t-1,3-Dichloropropene  
 Concen: 51.732 ug/l  
 RT: 10.603 min Scan# 1427  
 Delta R.T. -0.000 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

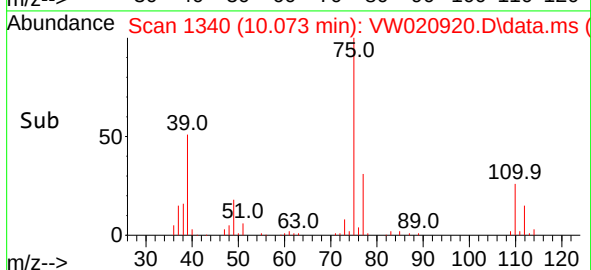
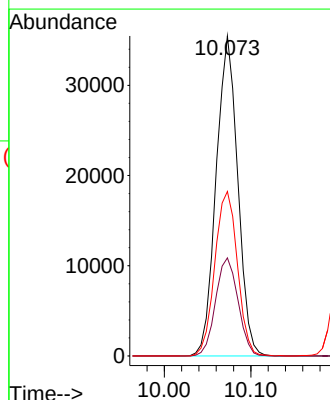
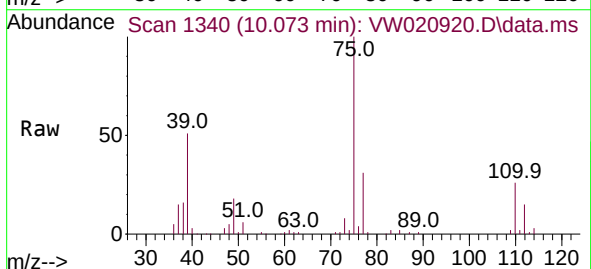
Instrument :  
 MSVOA\_W  
 ClientSampleId :

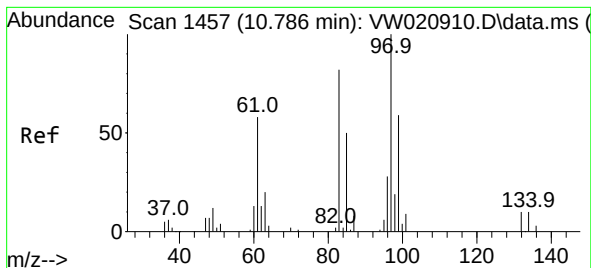
Tgt Ion: 75 Resp: 55671  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 26.1 39.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.478 ug/l  
 RT: 10.073 min Scan# 1340  
 Delta R.T. -0.000 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

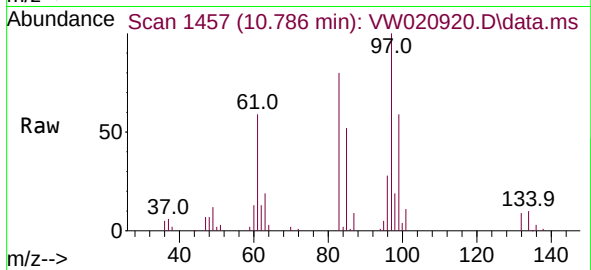
Tgt Ion: 75 Resp: 61473  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 26.2 39.4  
 39 51.4 43.0 64.6



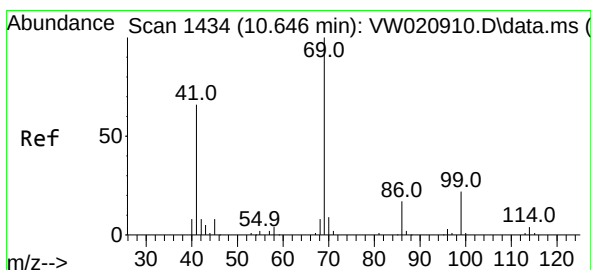
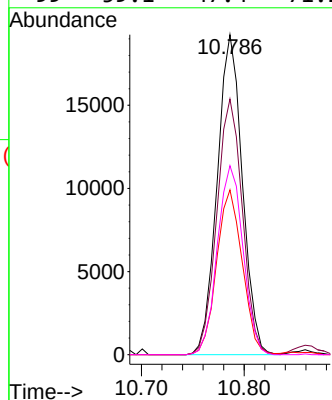
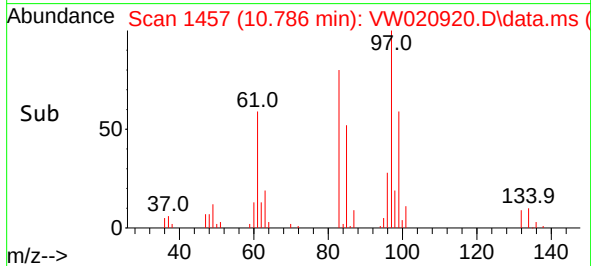


#55  
1,1,2-Trichloroethane  
Concen: 53.297 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Instrument :  
MSVOA\_W  
ClientSampleId :

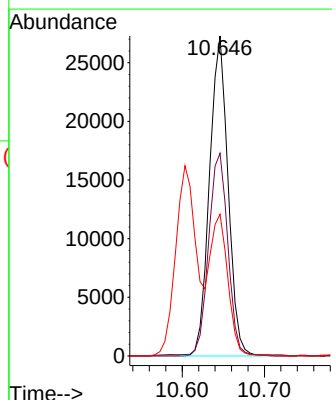
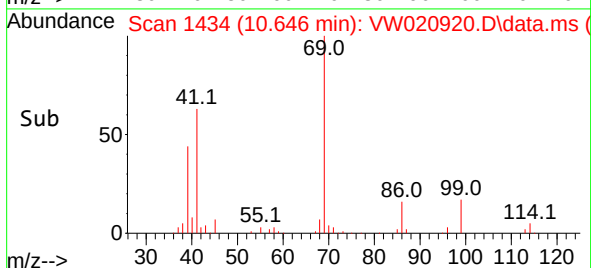
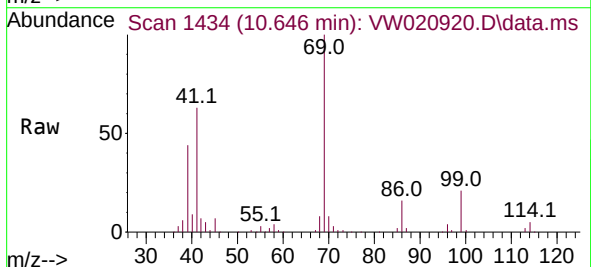


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 32734 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.9  | 65.4  | 98.2  |
| 85       | 51.5  | 39.9  | 59.9  |
| 99       | 59.1  | 47.4  | 71.2  |

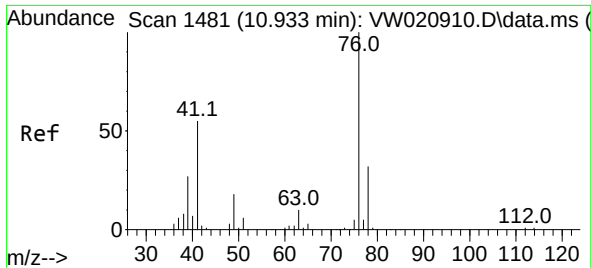


#56  
Ethyl methacrylate  
Concen: 54.566 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 42675 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.4  | 52.9  | 79.3  |
| 39       | 41.8  | 33.7  | 50.5  |







#57

1,3-Dichloropropane

Concen: 50.977 ug/l

RT: 10.932 min Scan# 1481

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

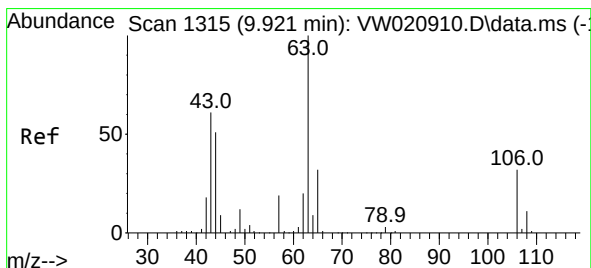
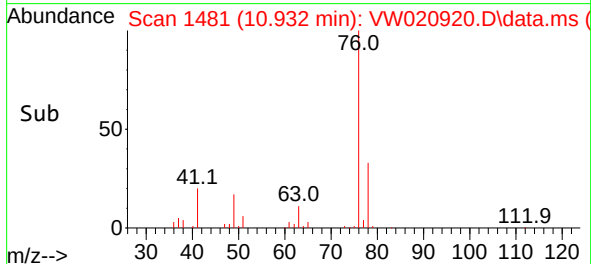
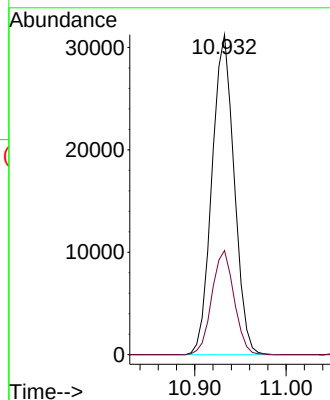
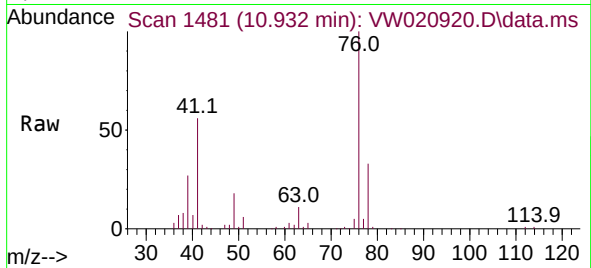
ClientSampleId :

Tgt Ion: 76 Resp: 52714

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 259.131 ug/l

RT: 9.927 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VW020920.D

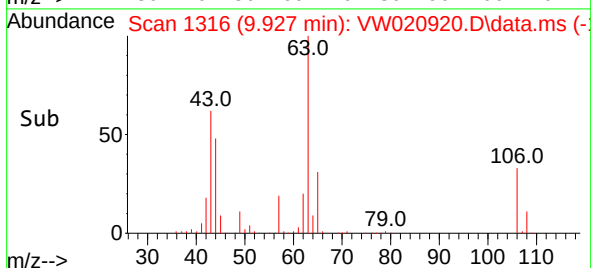
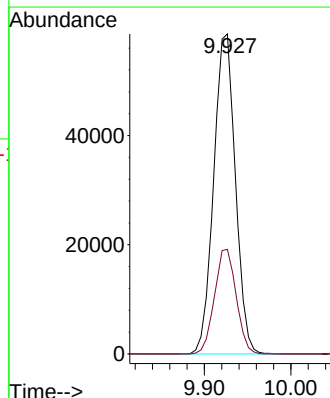
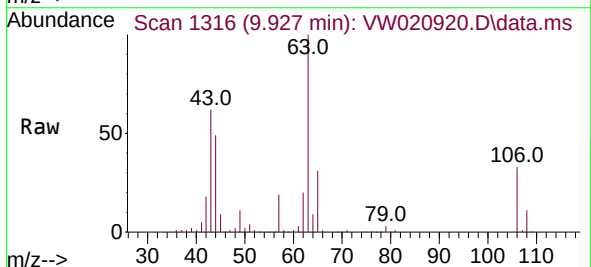
Acq: 17 Nov 2021 23:00

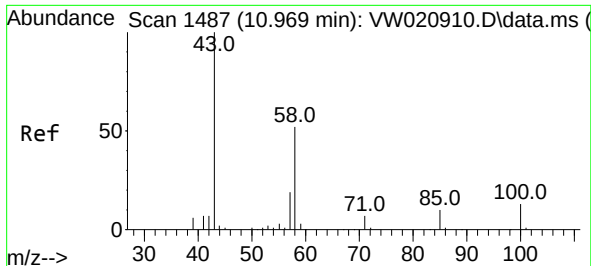
Tgt Ion: 63 Resp: 101993

Ion Ratio Lower Upper

63 100

106 32.7 26.3 39.5

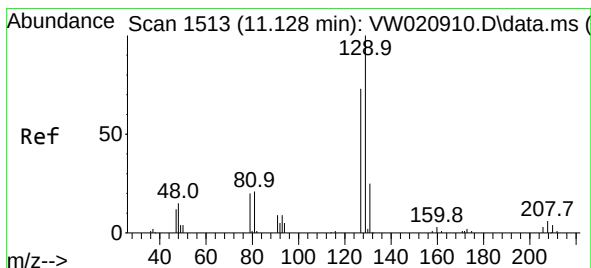
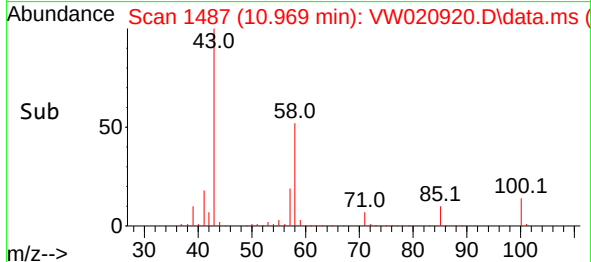
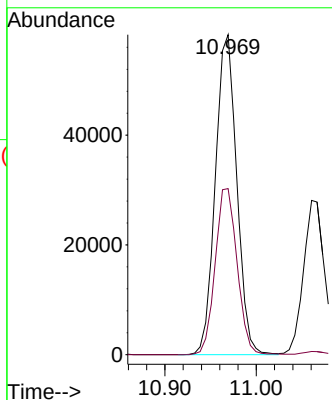
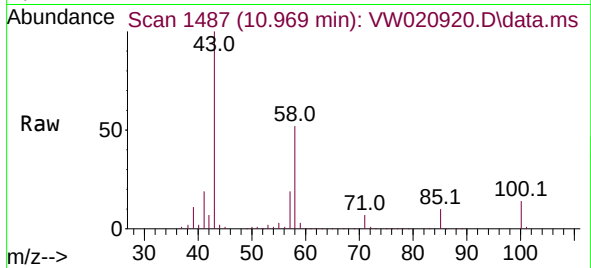




#59  
2-Hexanone  
Concen: 272.012 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

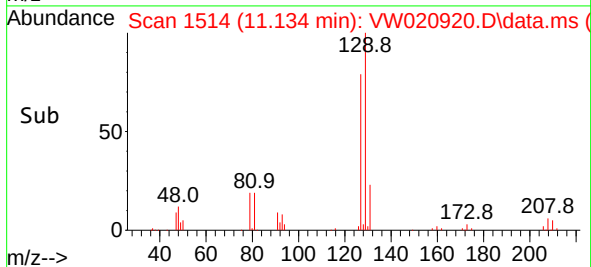
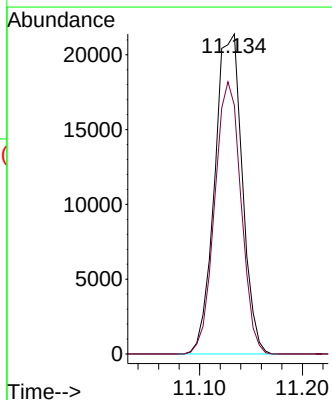
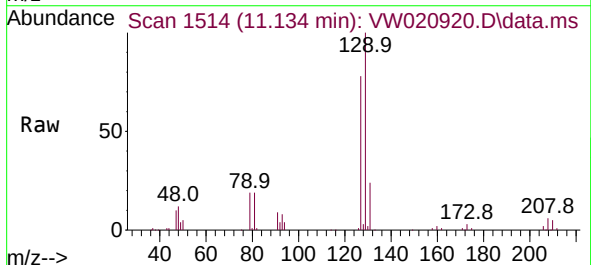
Instrument :  
MSVOA\_W  
ClientSampleId :

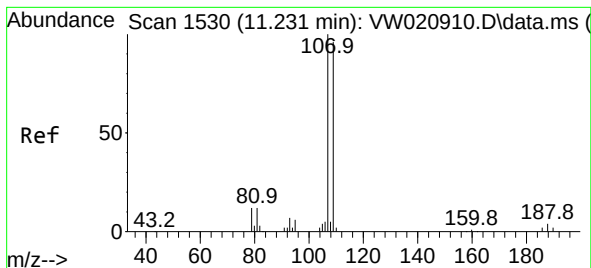
Tgt Ion: 43 Resp: 94967  
Ion Ratio Lower Upper  
43 100  
58 53.2 26.7 80.0



#60  
Dibromochloromethane  
Concen: 51.422 ug/l  
RT: 11.134 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 129 Resp: 39816  
Ion Ratio Lower Upper  
129 100  
127 81.3 38.4 115.1

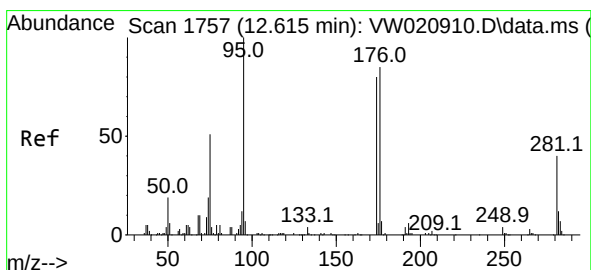
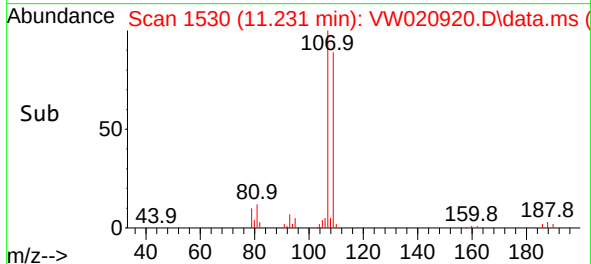
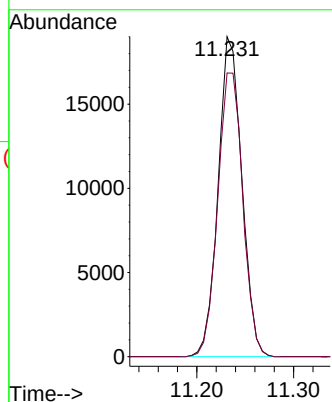
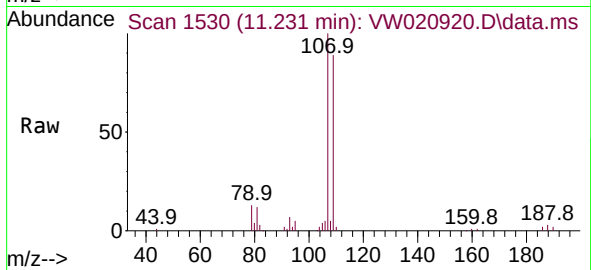




#61  
1,2-Dibromoethane  
Concen: 53.067 ug/l  
RT: 11.231 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

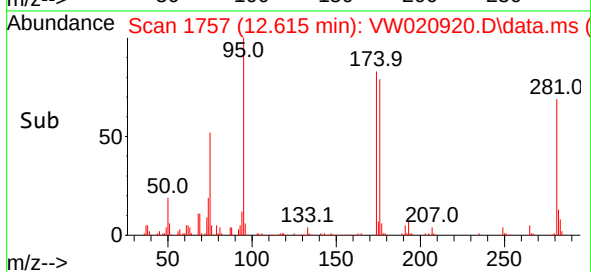
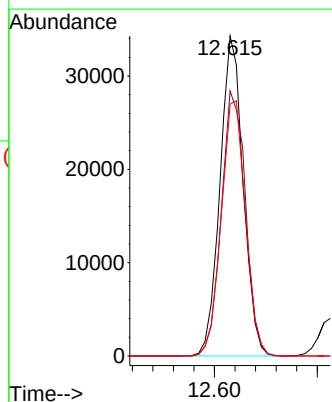
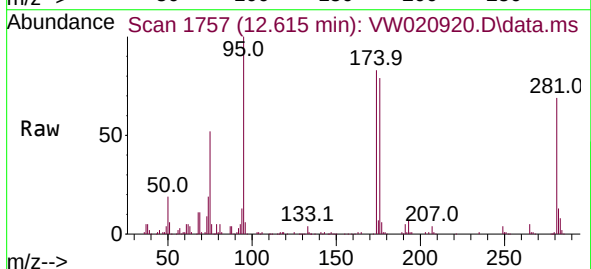
Instrument :  
MSVOA\_W  
ClientSampleId :

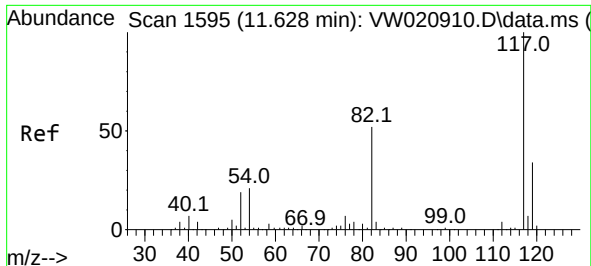
Tgt Ion:107 Resp: 32338  
Ion Ratio Lower Upper  
107 100  
109 93.8 74.1 111.1



#62  
4-Bromofluorobenzene  
Concen: 50.859 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 95 Resp: 53485  
Ion Ratio Lower Upper  
95 100  
174 86.5 0.0 171.2  
176 84.0 0.0 175.4

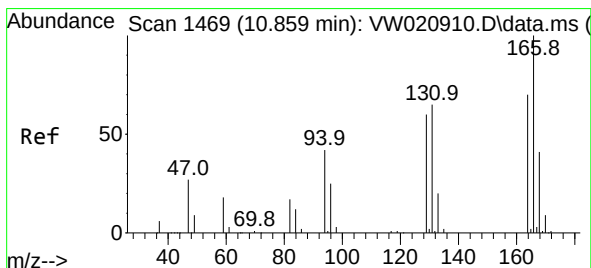
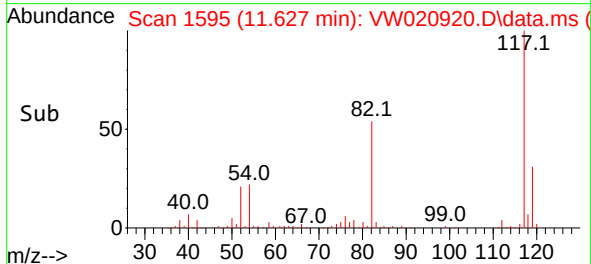
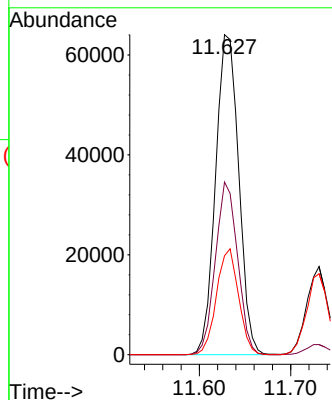
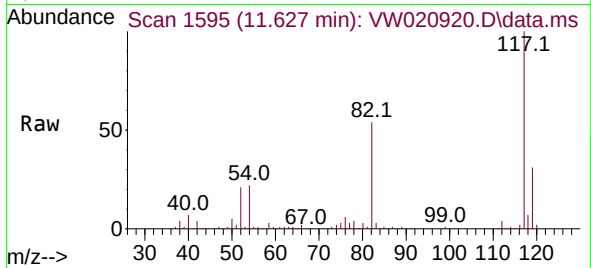




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.627 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

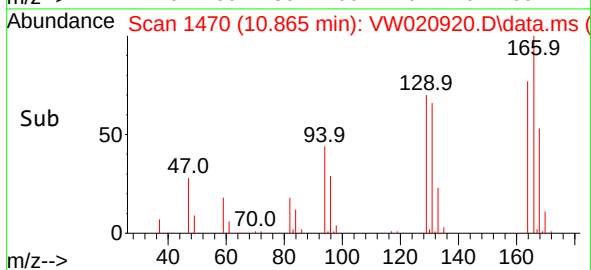
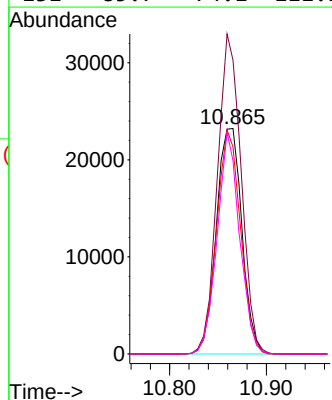
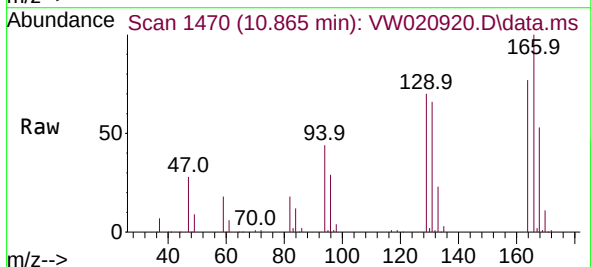
Instrument :  
MSVOA\_W  
ClientSampleId :

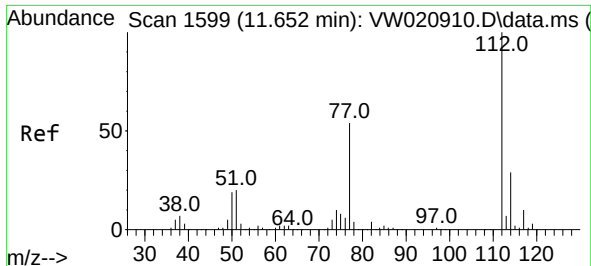
Tgt Ion:117 Resp: 113087  
Ion Ratio Lower Upper  
117 100  
82 53.9 41.4 62.2  
119 30.9 27.2 40.8



#64  
Tetrachloroethene  
Concen: 50.649 ug/l  
RT: 10.865 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion:164 Resp: 42553  
Ion Ratio Lower Upper  
164 100  
166 130.3 114.4 171.6  
129 91.9 68.3 102.5  
131 85.7 74.1 111.1

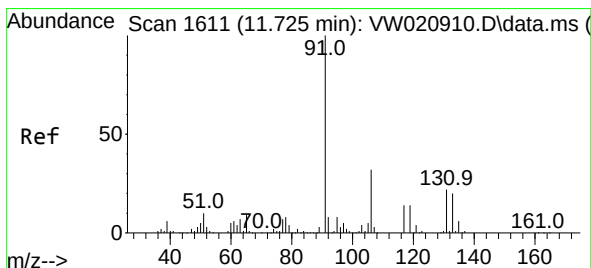
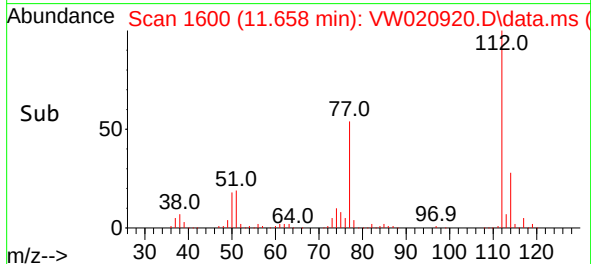
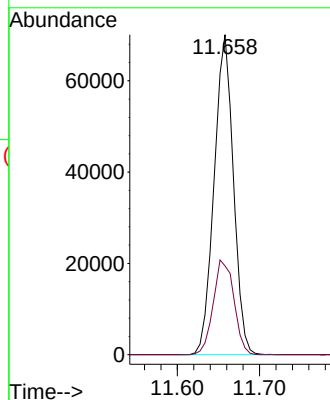
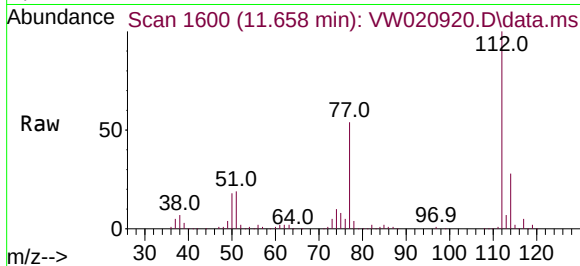




#65  
Chlorobenzene  
Concen: 50.217 ug/l  
RT: 11.658 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

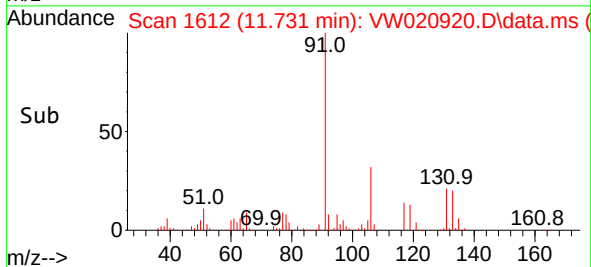
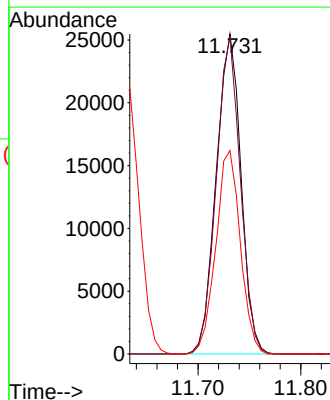
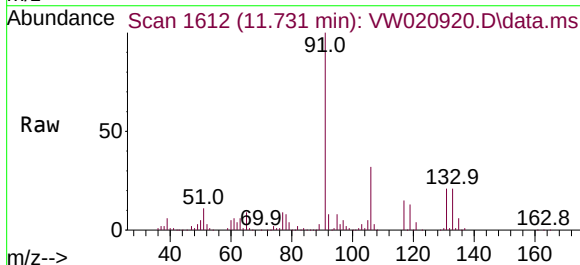
Instrument :  
MSVOA\_W  
ClientSampleId :

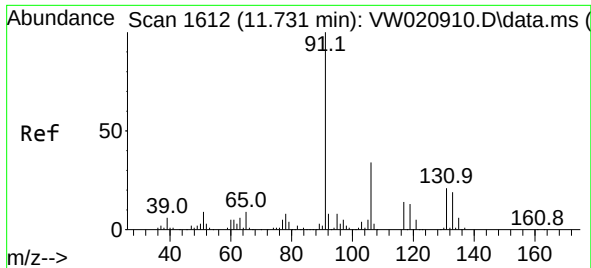
Tgt Ion:112 Resp: 114174  
Ion Ratio Lower Upper  
112 100  
114 27.7 23.0 34.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.253 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion:131 Resp: 42483  
Ion Ratio Lower Upper  
131 100  
133 96.7 46.6 139.7  
119 63.2 32.2 96.6

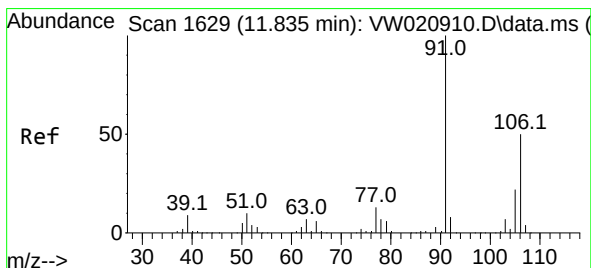
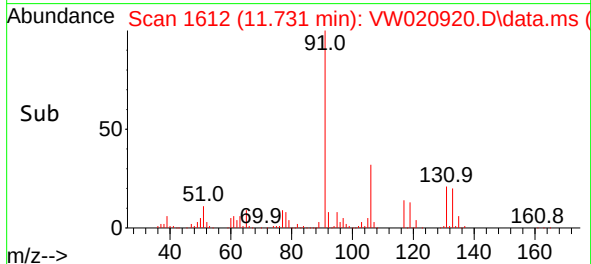
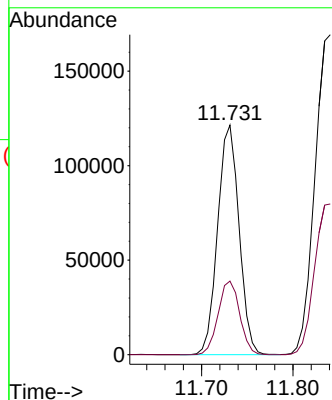
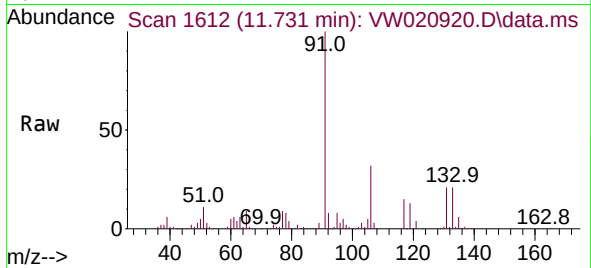




#67  
Ethyl Benzene  
Concen: 49.581 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

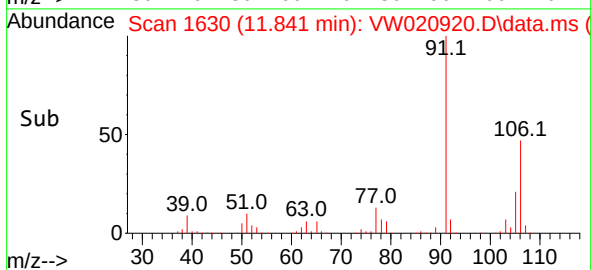
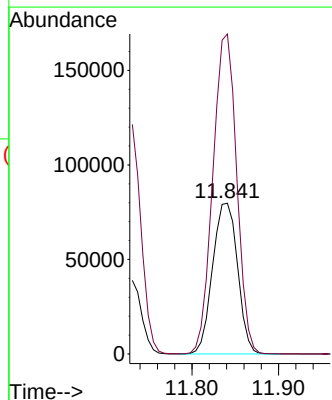
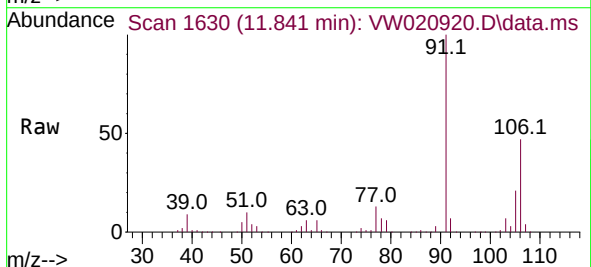
Instrument :  
MSVOA\_W  
ClientSampleId :

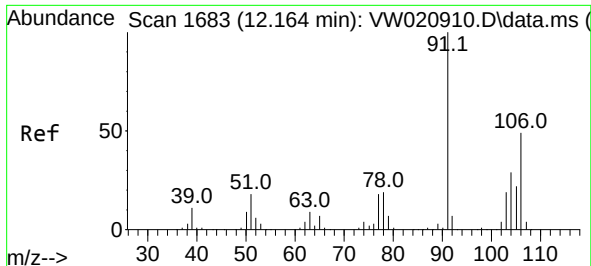
Tgt Ion: 91 Resp: 197828  
Ion Ratio Lower Upper  
91 100  
106 32.1 27.3 40.9



#68  
m/p-Xylenes  
Concen: 98.945 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion:106 Resp: 159604  
Ion Ratio Lower Upper  
106 100  
91 202.8 157.8 236.8





#69

o-Xylene

Concen: 52.259 ug/l

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

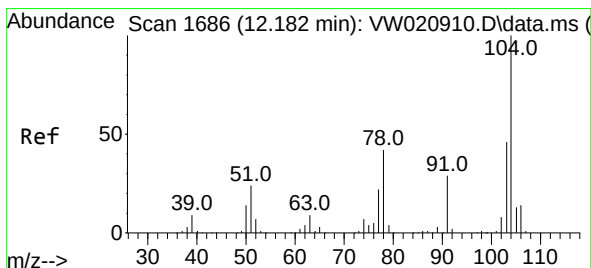
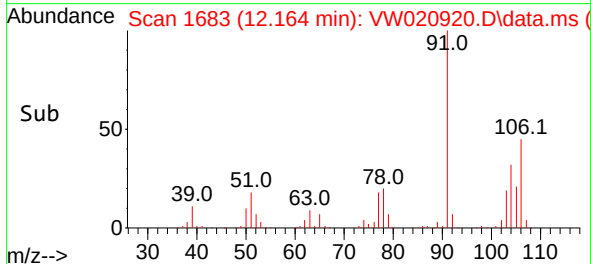
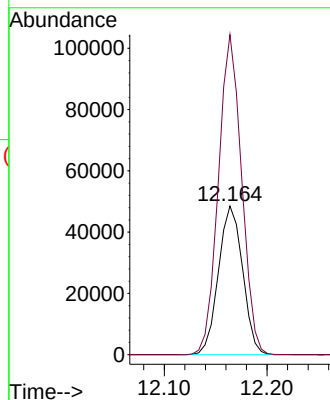
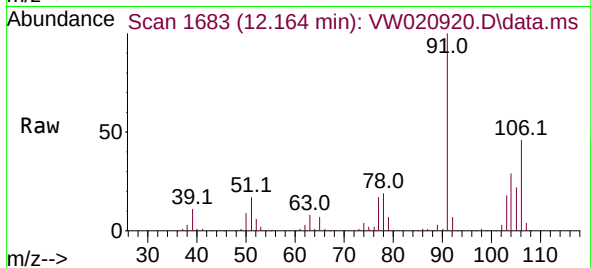
ClientSampleId :

Tgt Ion:106 Resp: 79047

Ion Ratio Lower Upper

106 100

91 207.2 104.3 312.9



#70

Styrene

Concen: 51.542 ug/l

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

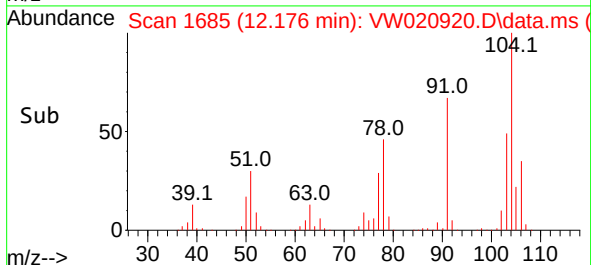
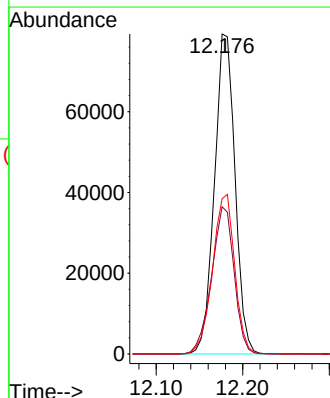
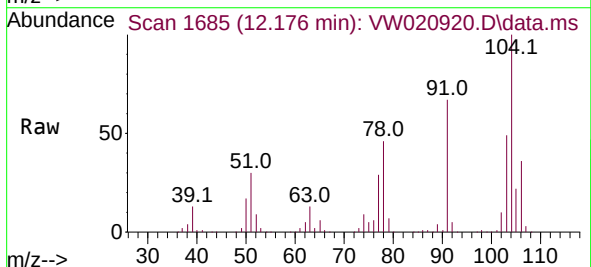
Tgt Ion:104 Resp: 130940

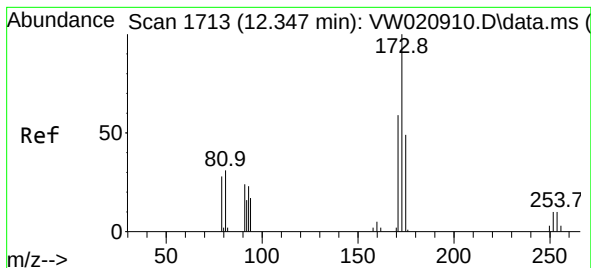
Ion Ratio Lower Upper

104 100

78 50.2 39.4 59.2

103 53.6 42.6 63.8





#71

Bromoform

Concen: 54.307 ug/l

RT: 12.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

ClientSampleId :

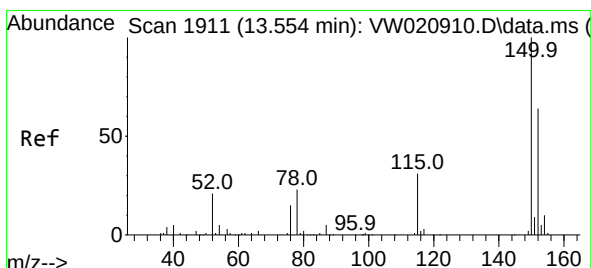
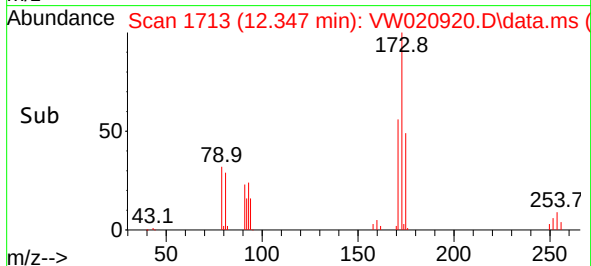
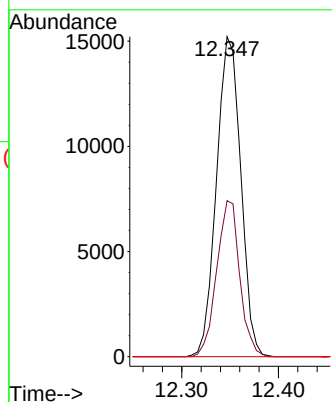
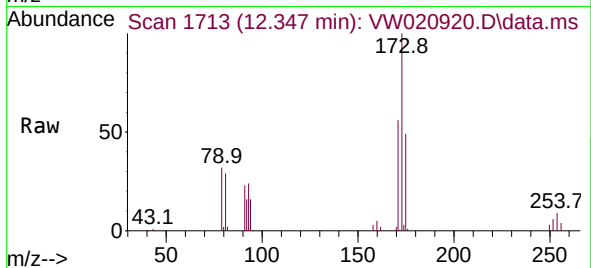
Tgt Ion:173 Resp: 26538

Ion Ratio Lower Upper

173 100

175 46.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.554 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

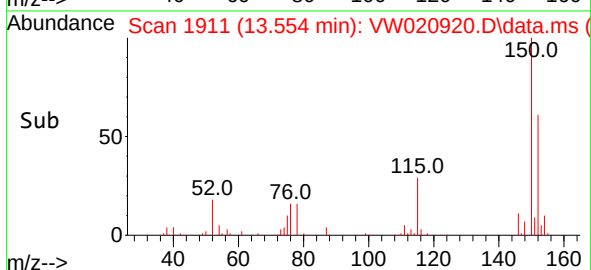
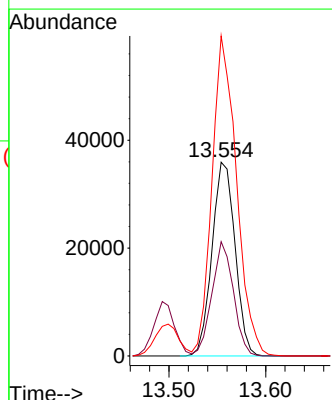
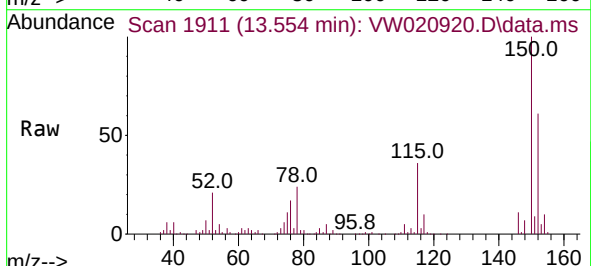
Tgt Ion:152 Resp: 59416

Ion Ratio Lower Upper

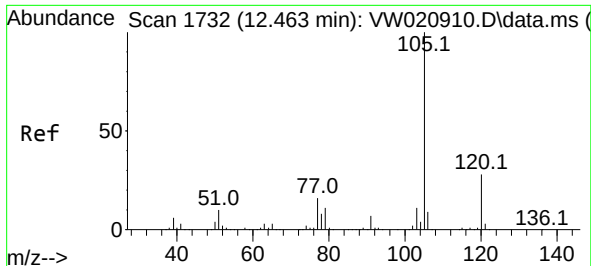
152 100

115 55.0 27.8 83.3

150 175.8 0.0 348.4



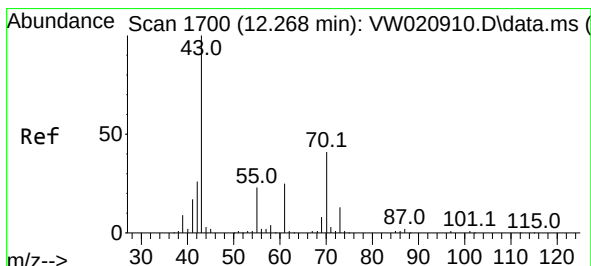
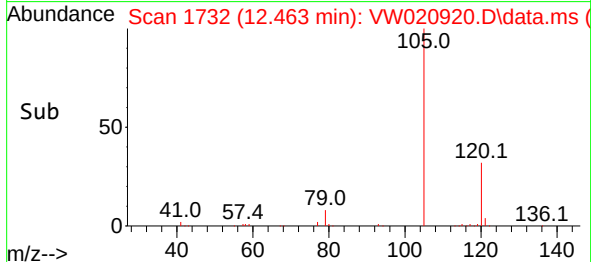
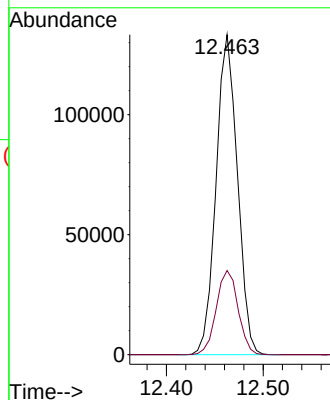
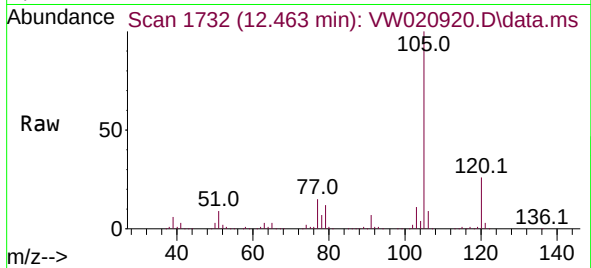




#73  
Isopropylbenzene  
Concen: 50.232 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

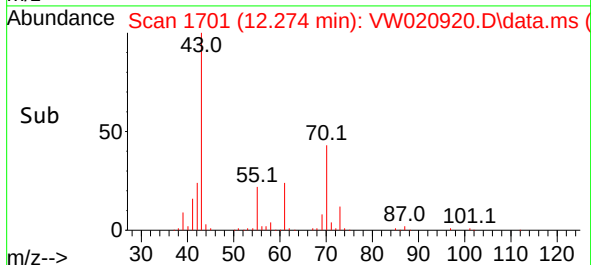
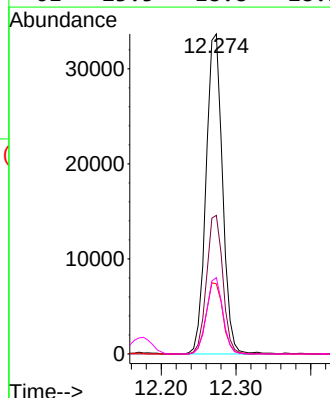
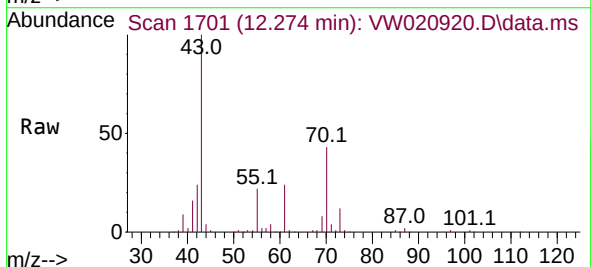
Instrument :  
MSVOA\_W  
ClientSampleId :

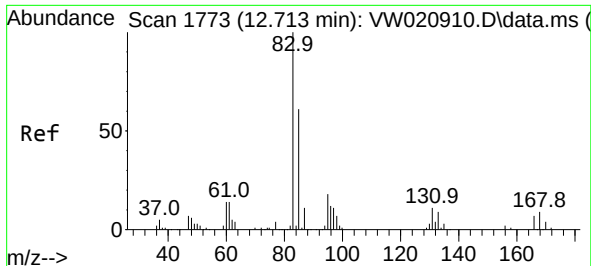
Tgt Ion:105 Resp: 203955  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.9 41.7



#74  
N-ethyl acetate  
Concen: 53.227 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 43 Resp: 51477  
Ion Ratio Lower Upper  
43 100  
70 42.7 33.7 50.5  
55 22.8 18.5 27.7  
61 23.5 18.8 28.2

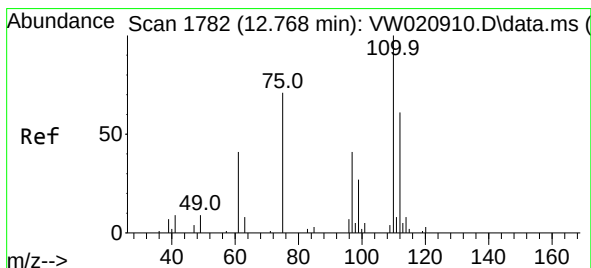
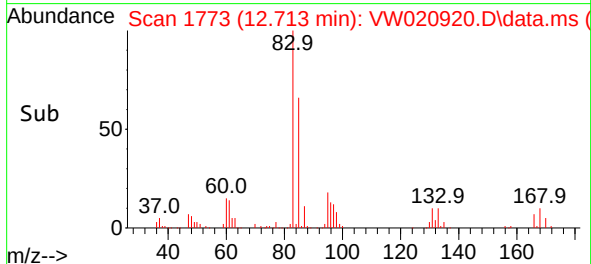
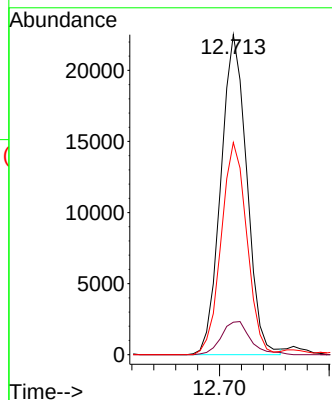
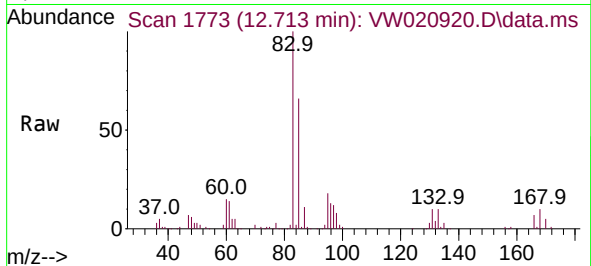




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.261 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

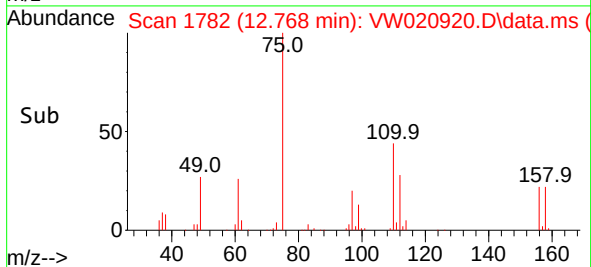
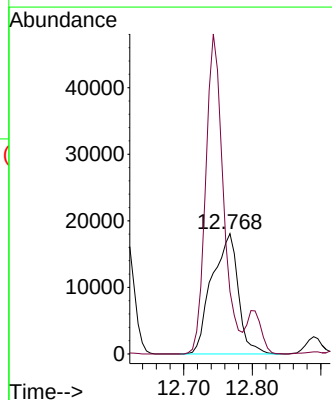
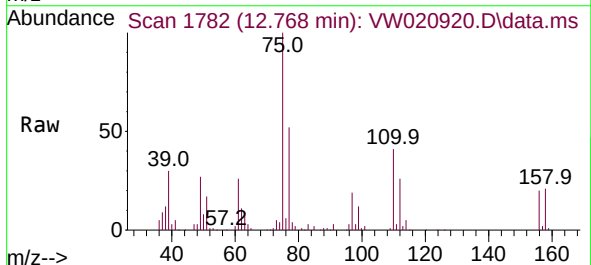
Instrument :  
MSVOA\_W  
ClientSampleId :

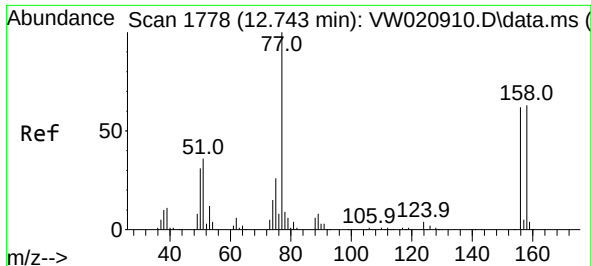
Tgt Ion: 83 Resp: 37019  
Ion Ratio Lower Upper  
83 100  
131 11.6 5.9 17.6  
85 65.5 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 90.269 ug/l  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 75 Resp: 48189  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

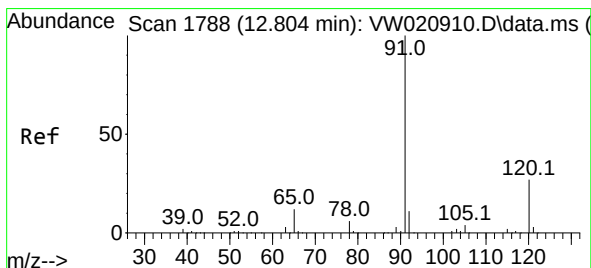
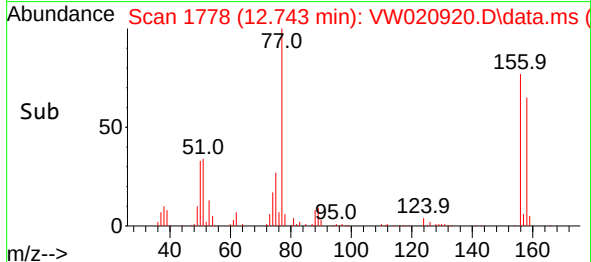
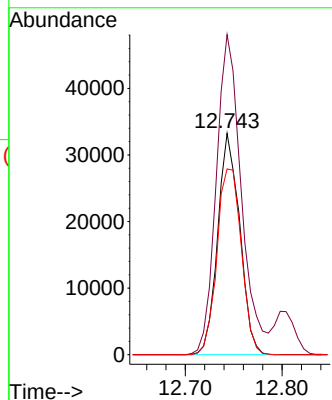
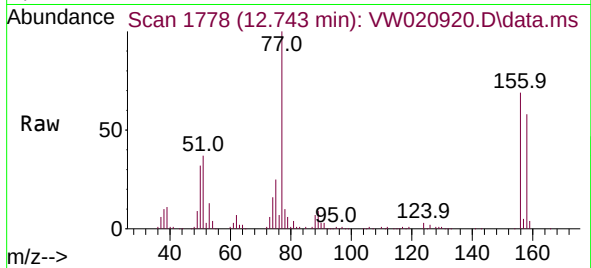




#77  
Bromobenzene  
Concen: 53.299 ug/l  
RT: 12.743 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

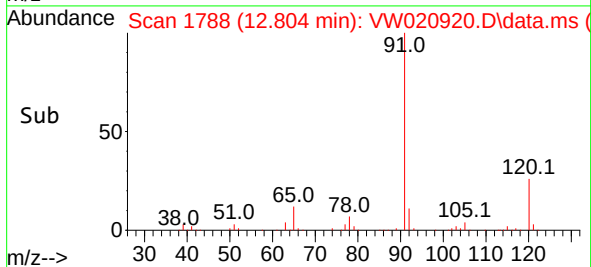
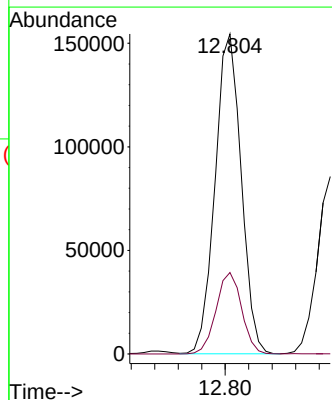
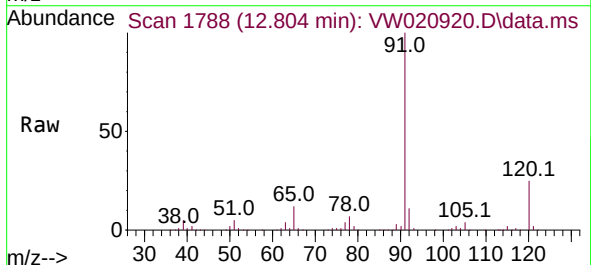
Instrument :  
MSVOA\_W  
ClientSampleId :

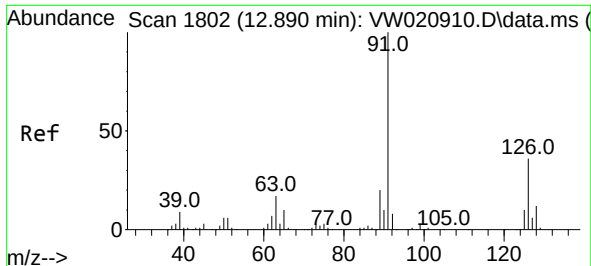
Tgt Ion:156 Resp: 52564  
Ion Ratio Lower Upper  
156 100  
77 164.9 87.0 261.0  
158 93.0 49.8 149.4



#78  
n-propylbenzene  
Concen: 49.742 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 91 Resp: 237876  
Ion Ratio Lower Upper  
91 100  
120 25.0 12.4 37.4

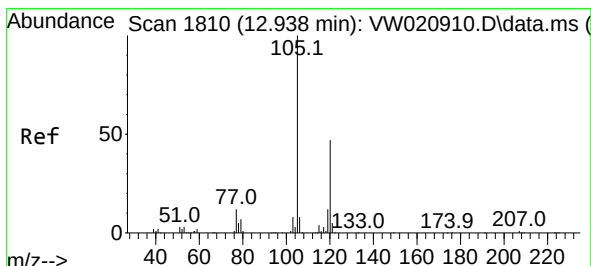
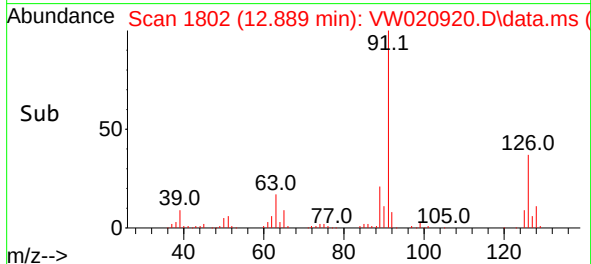
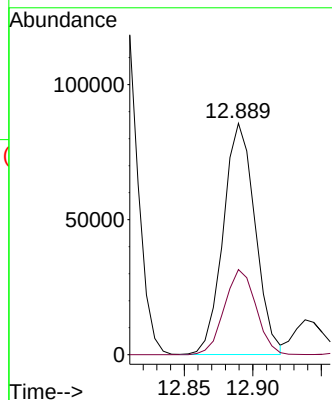
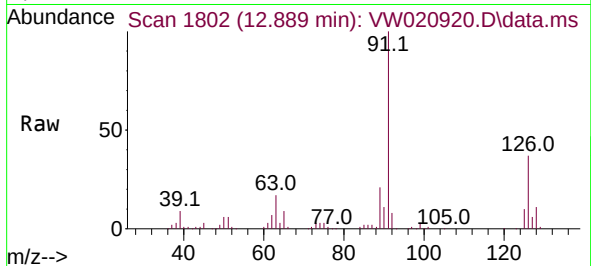




#79  
2-Chlorotoluene  
Concen: 50.211 ug/l  
RT: 12.889 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

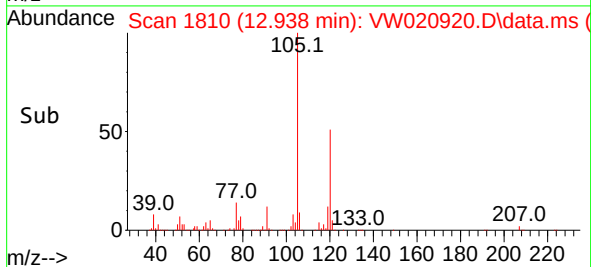
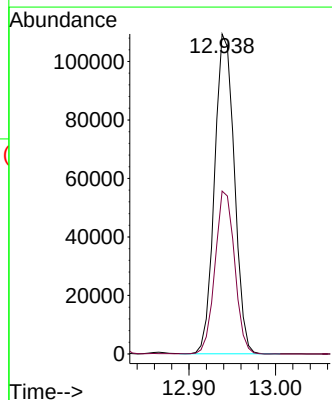
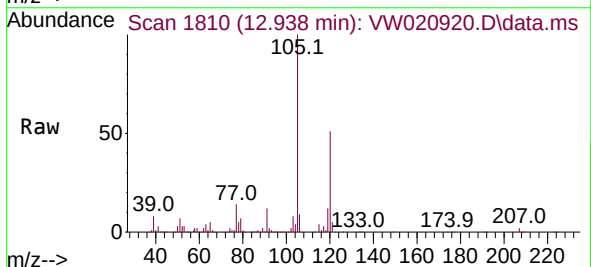
Instrument :  
MSVOA\_W  
ClientSampleId :

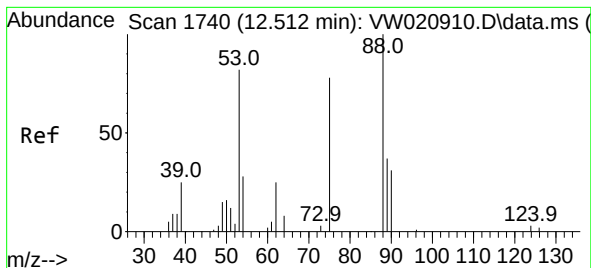
Tgt Ion: 91 Resp: 138778  
Ion Ratio Lower Upper  
91 100  
126 36.5 18.0 54.0



#80  
1,3,5-Trimethylbenzene  
Concen: 49.870 ug/l  
RT: 12.938 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion:105 Resp: 173640  
Ion Ratio Lower Upper  
105 100  
120 50.4 24.7 74.1

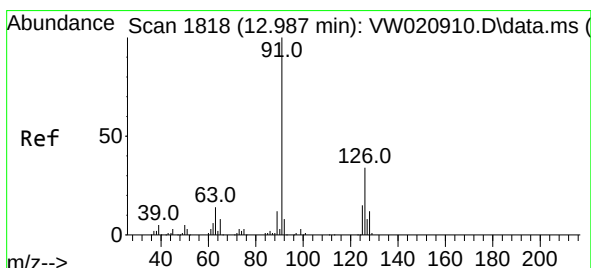
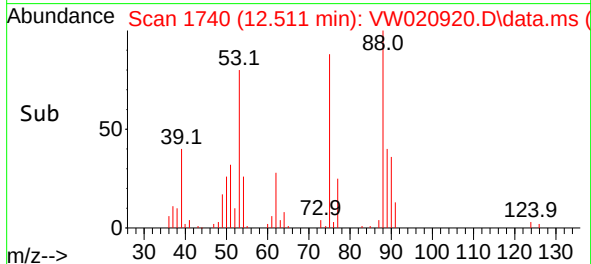
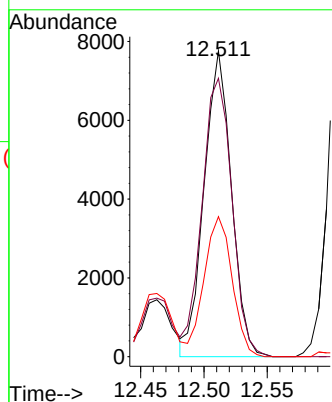
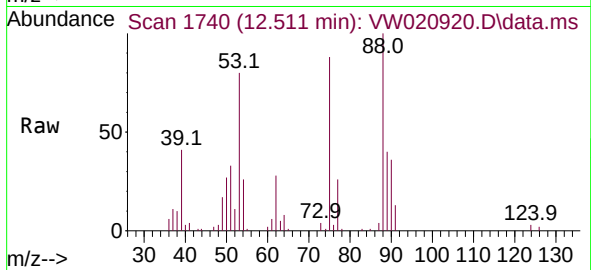




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.304 ug/l  
RT: 12.511 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

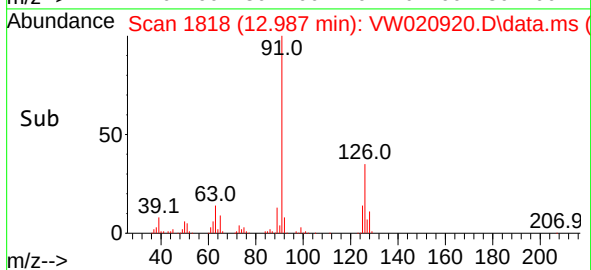
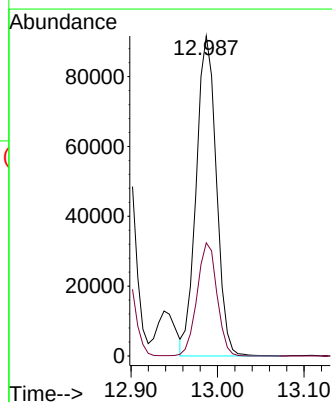
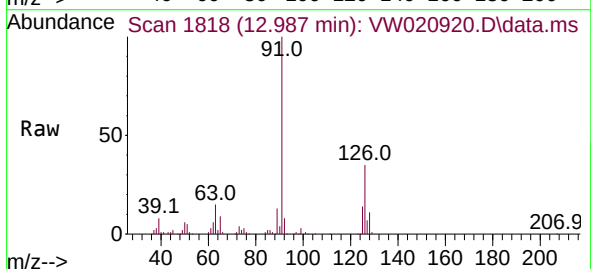
Instrument :  
MSVOA\_W  
ClientSampleId :

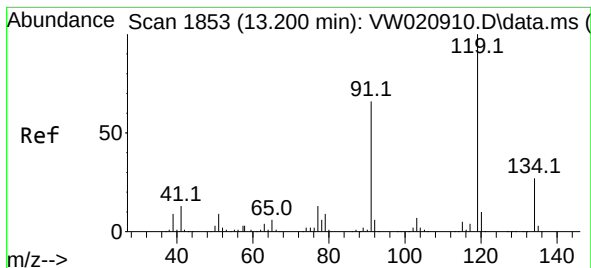
Tgt Ion: 75 Resp: 11643  
Ion Ratio Lower Upper  
75 100  
53 100.0 81.8 122.8  
89 46.7 38.6 57.8



#82  
4-Chlorotoluene  
Concen: 50.384 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

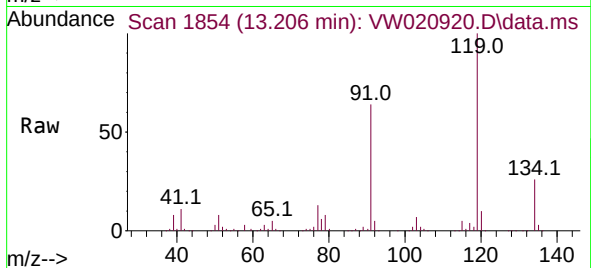
Tgt Ion: 91 Resp: 147680  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.1 51.2



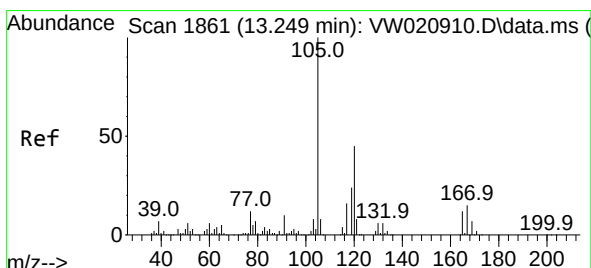
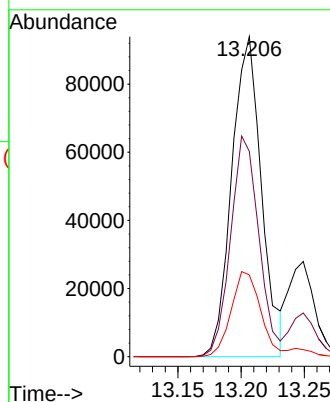
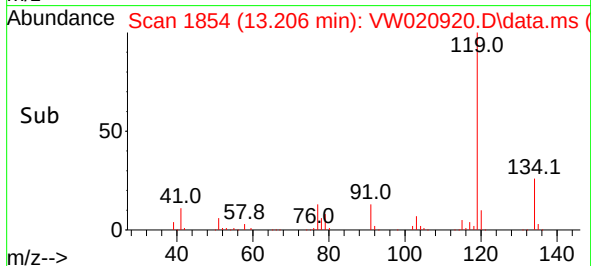


#83  
tert-Butylbenzene  
Concen: 49.378 ug/l  
RT: 13.206 min Scan# 119  
Delta R.T. 0.006 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

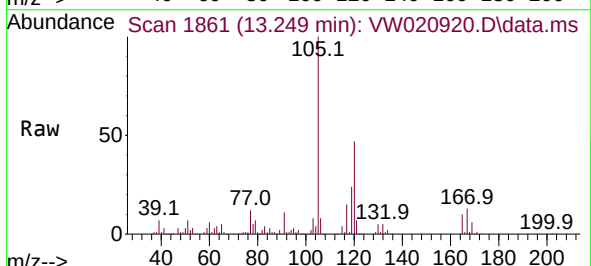
Instrument :  
MSVOA\_W  
ClientSampleId :



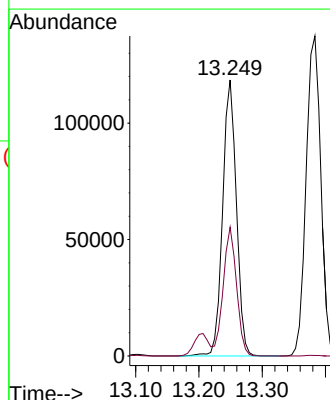
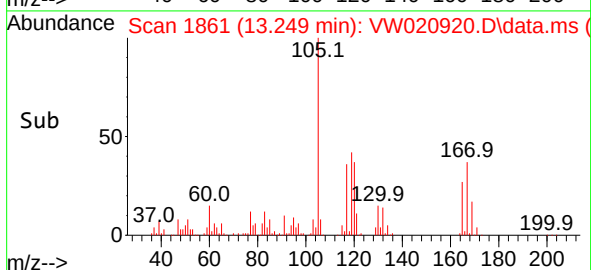
Tgt Ion:119 Resp: 153666  
Ion Ratio Lower Upper  
119 100  
91 65.8 32.6 97.8  
134 26.6 13.2 39.5

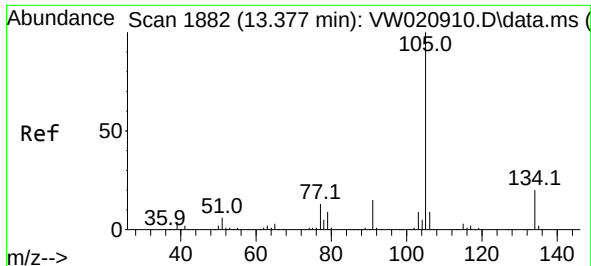


#84  
1,2,4-Trimethylbenzene  
Concen: 51.725 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00



Tgt Ion:105 Resp: 177845  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.7 68.1

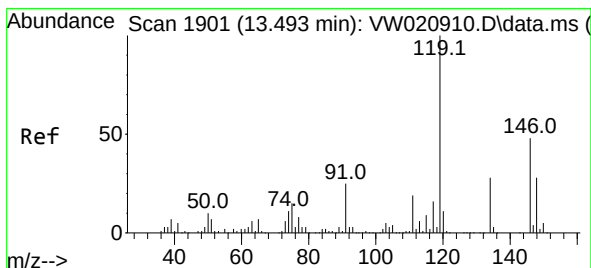
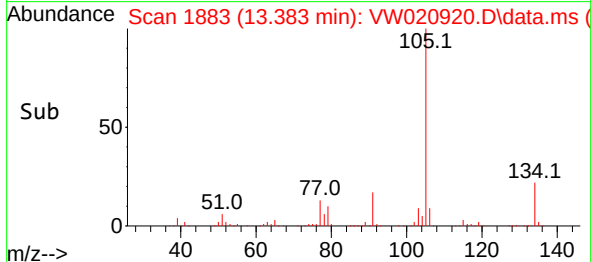
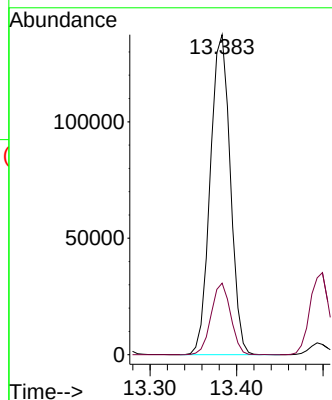
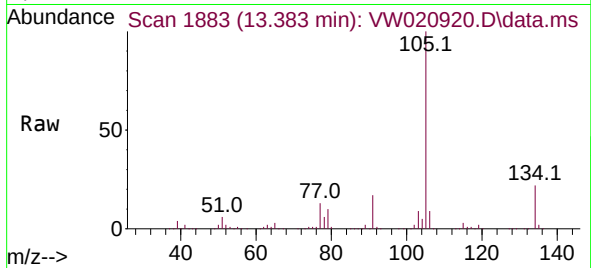




#85  
 sec-Butylbenzene  
 Concen: 49.314 ug/l  
 RT: 13.383 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

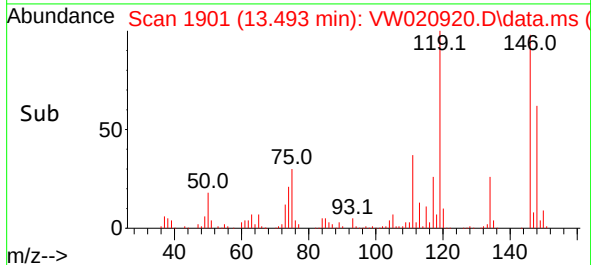
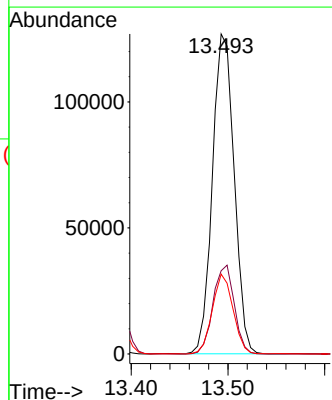
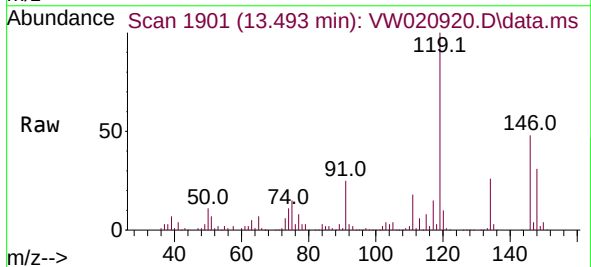
Instrument :  
 MSVOA\_W  
 ClientSampleId :

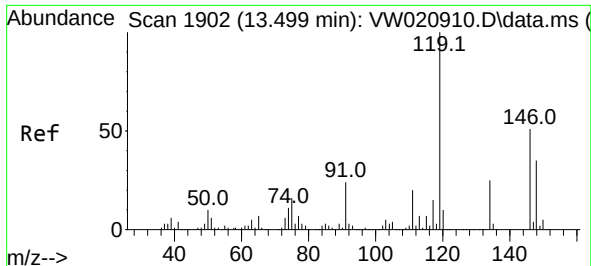
Tgt Ion:105 Resp: 220849  
 Ion Ratio Lower Upper  
 105 100  
 134 21.7 10.4 31.4



#86  
 p-Isopropyltoluene  
 Concen: 51.342 ug/l  
 RT: 13.493 min Scan# 1901  
 Delta R.T. -0.000 min  
 Lab File: VW020920.D  
 Acq: 17 Nov 2021 23:00

Tgt Ion:119 Resp: 198225  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.2 39.5  
 91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 52.455 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

ClientSampleId :

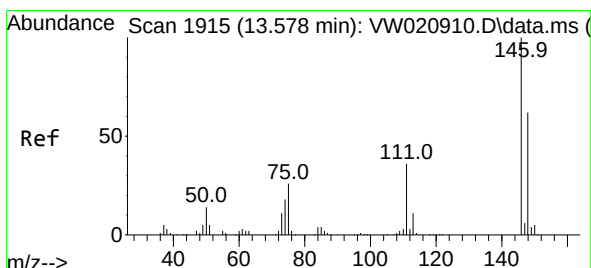
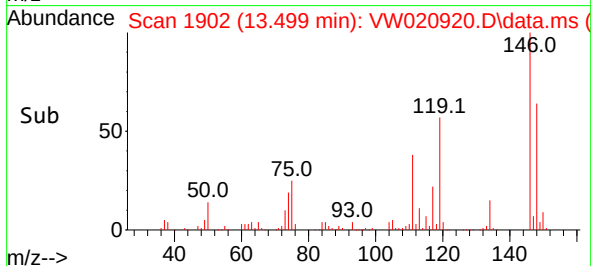
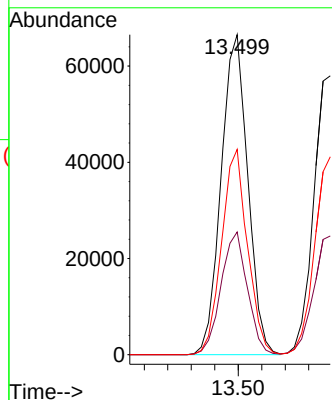
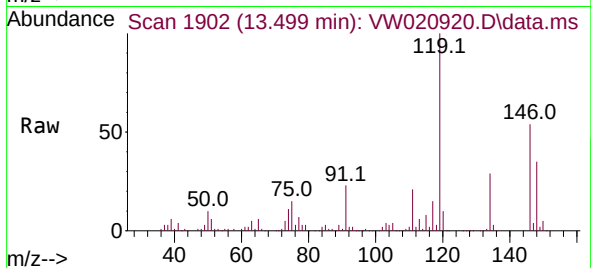
Tgt Ion:146 Resp: 104843

Ion Ratio Lower Upper

146 100

111 38.0 20.0 59.9

148 62.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.236 ug/l

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

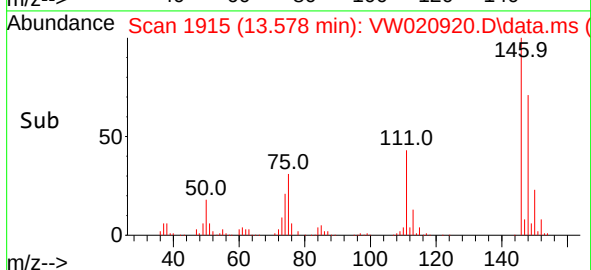
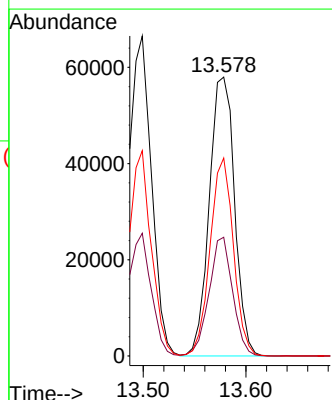
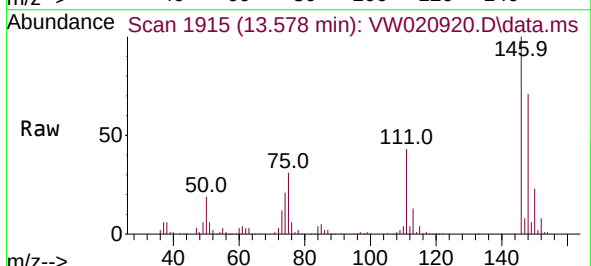
Tgt Ion:146 Resp: 98890

Ion Ratio Lower Upper

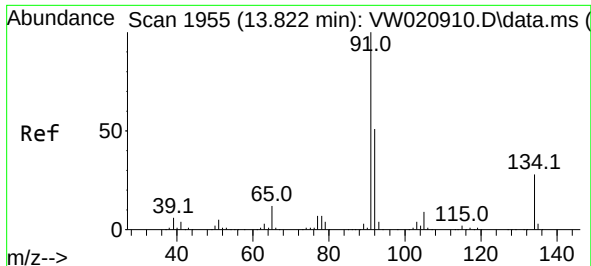
146 100

111 39.9 18.8 56.4

148 65.7 31.1 93.2



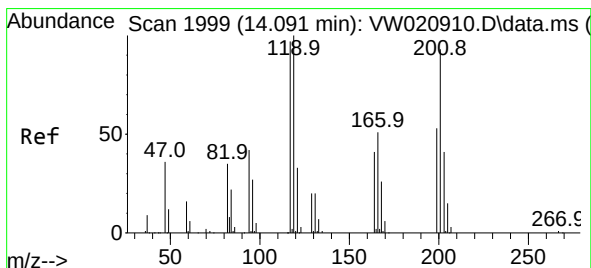
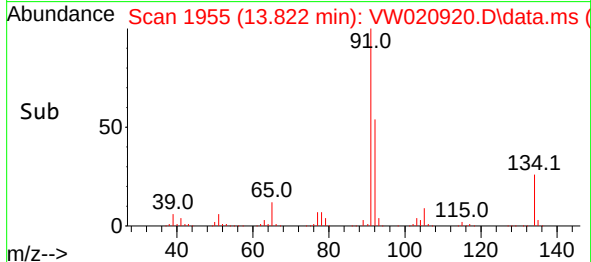
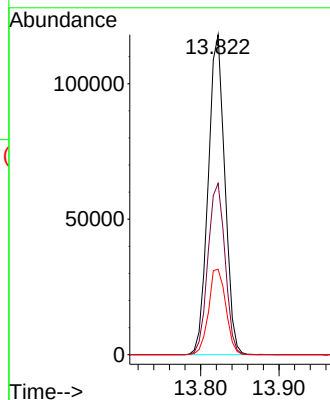
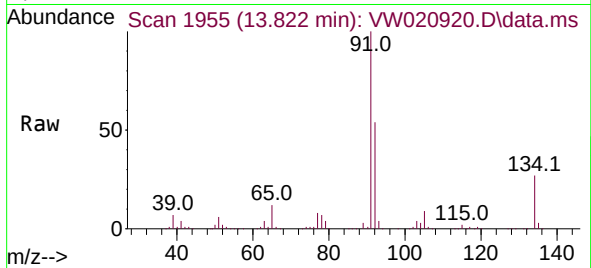




#89  
n-Butylbenzene  
Concen: 50.151 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

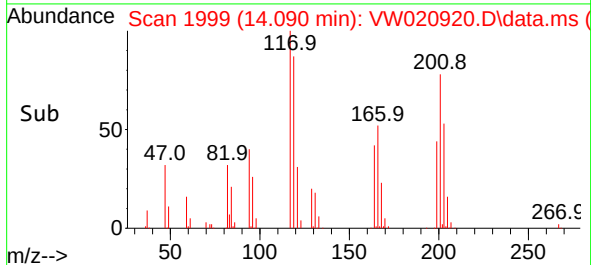
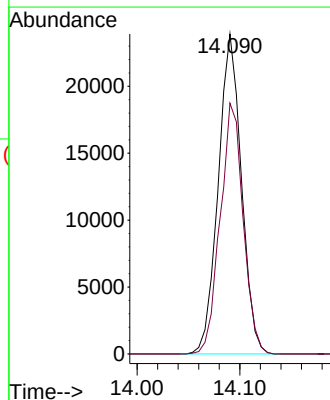
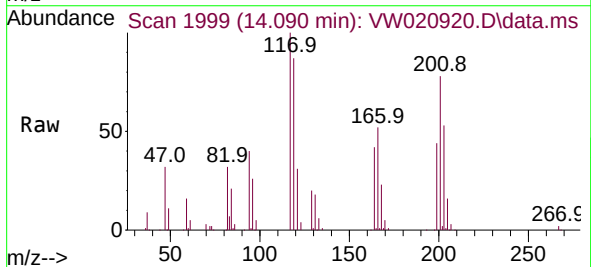
Instrument :  
MSVOA\_W  
ClientSampleId :

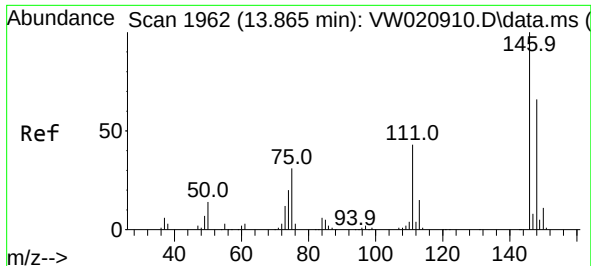
Tgt Ion: 91 Resp: 173858  
Ion Ratio Lower Upper  
91 100  
92 55.1 26.5 79.4  
134 27.8 13.6 40.8



#90  
Hexachloroethane  
Concen: 51.341 ug/l  
RT: 14.090 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion: 117 Resp: 37330  
Ion Ratio Lower Upper  
117 100  
201 77.8 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 53.674 ug/l

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

ClientSampleId :

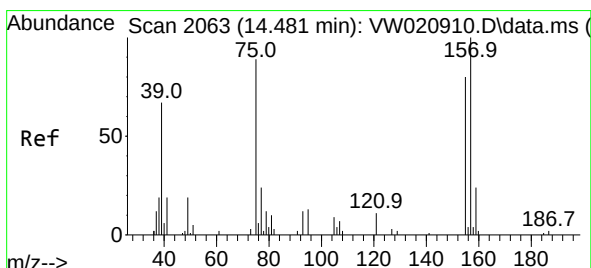
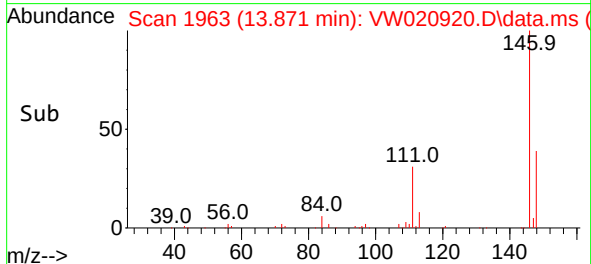
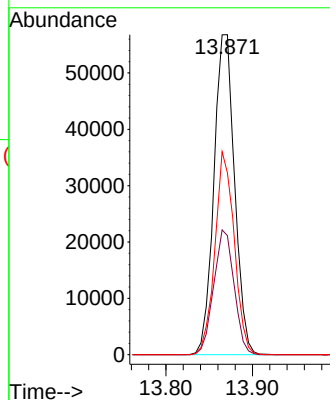
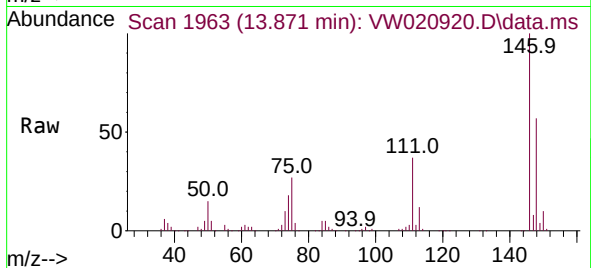
Tgt Ion:146 Resp: 94249

Ion Ratio Lower Upper

146 100

111 38.4 21.1 63.3

148 59.3 32.6 97.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.377 ug/l

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

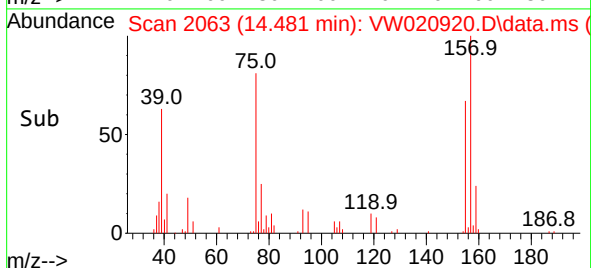
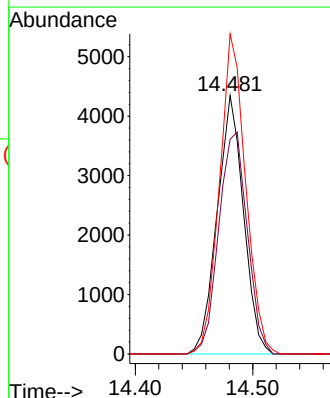
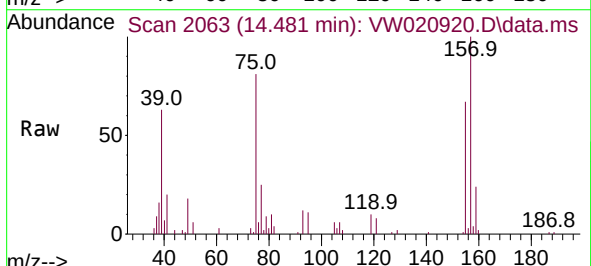
Tgt Ion: 75 Resp: 6764

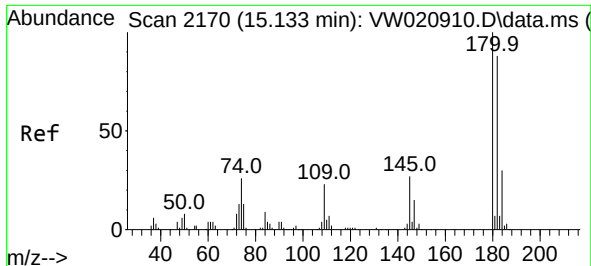
Ion Ratio Lower Upper

75 100

155 92.9 45.9 137.6

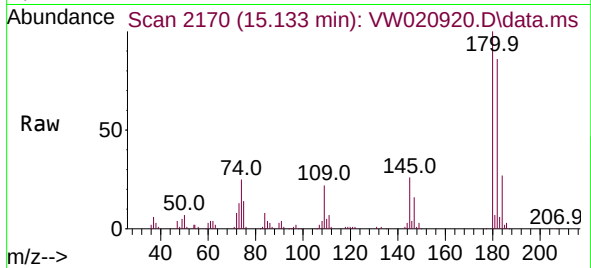
157 123.0 57.8 173.4



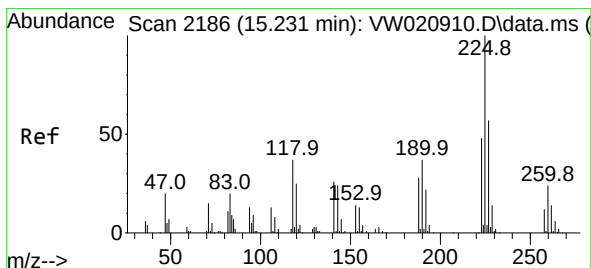
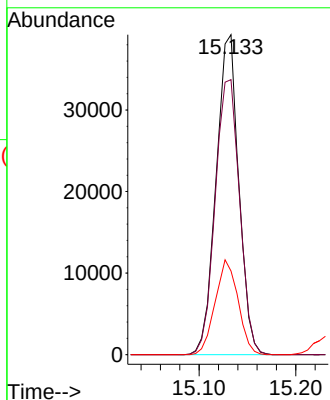
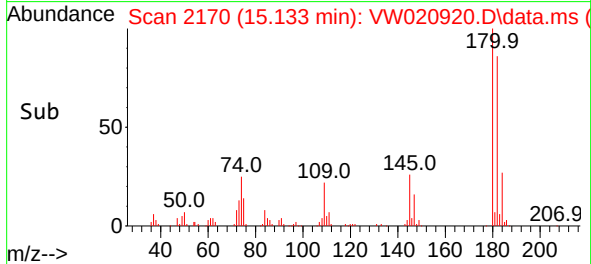


#93  
1,2,4-Trichlorobenzene  
Concen: 51.005 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Instrument :  
MSVOA\_W  
ClientSampleId :

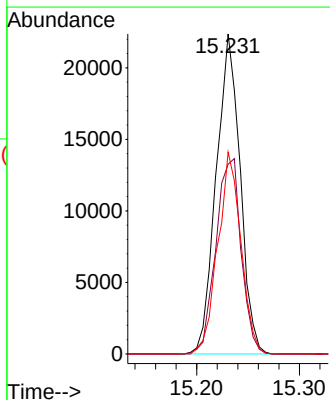
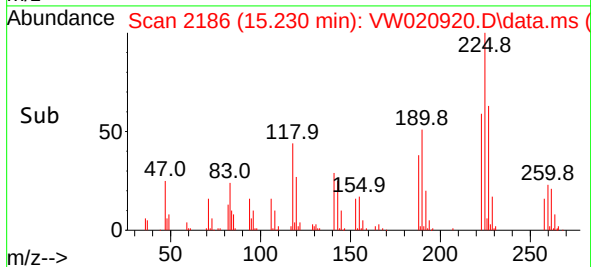
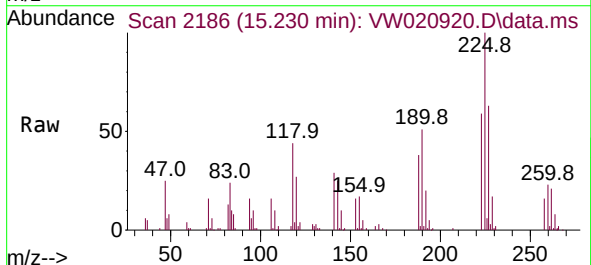


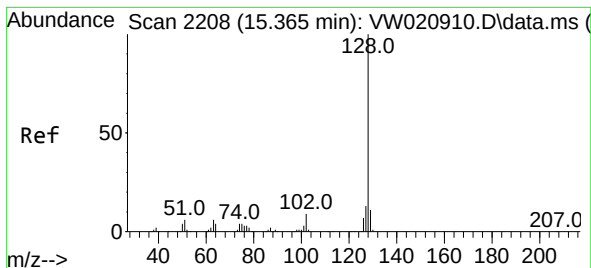
Tgt Ion:180 Resp: 63820  
Ion Ratio Lower Upper  
180 100  
182 92.5 46.5 139.3  
145 30.0 15.0 45.1



#94  
Hexachlorobutadiene  
Concen: 50.852 ug/l  
RT: 15.230 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VW020920.D  
Acq: 17 Nov 2021 23:00

Tgt Ion:225 Resp: 36084  
Ion Ratio Lower Upper  
225 100  
223 64.7 31.1 93.3  
227 60.9 32.8 98.3





#95

Naphthalene

Concen: 52.989 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

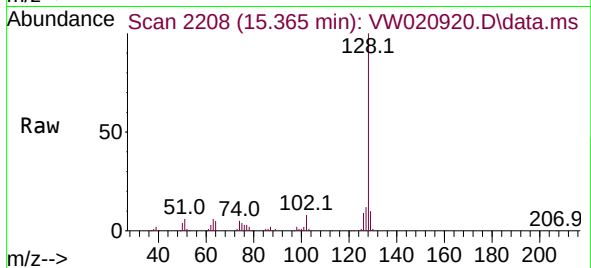
Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA\_W

ClientSampleId :



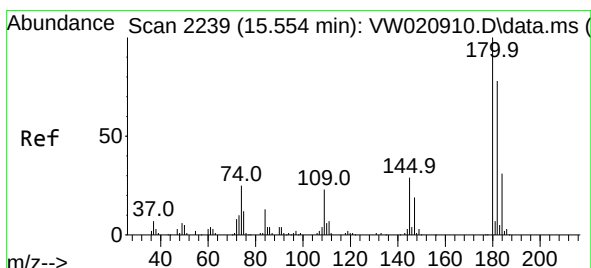
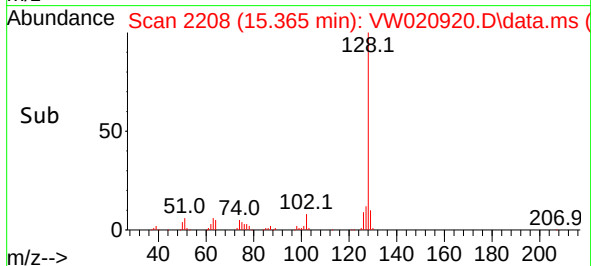
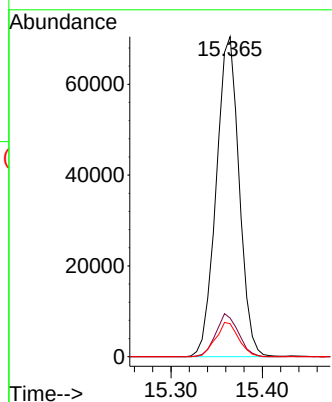
Tgt Ion:128 Resp: 122886

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.749 ug/l

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Tgt Ion:180 Resp: 59304

Ion Ratio Lower Upper

180 100

182 90.1 46.2 138.6

145 31.7 14.9 44.5

